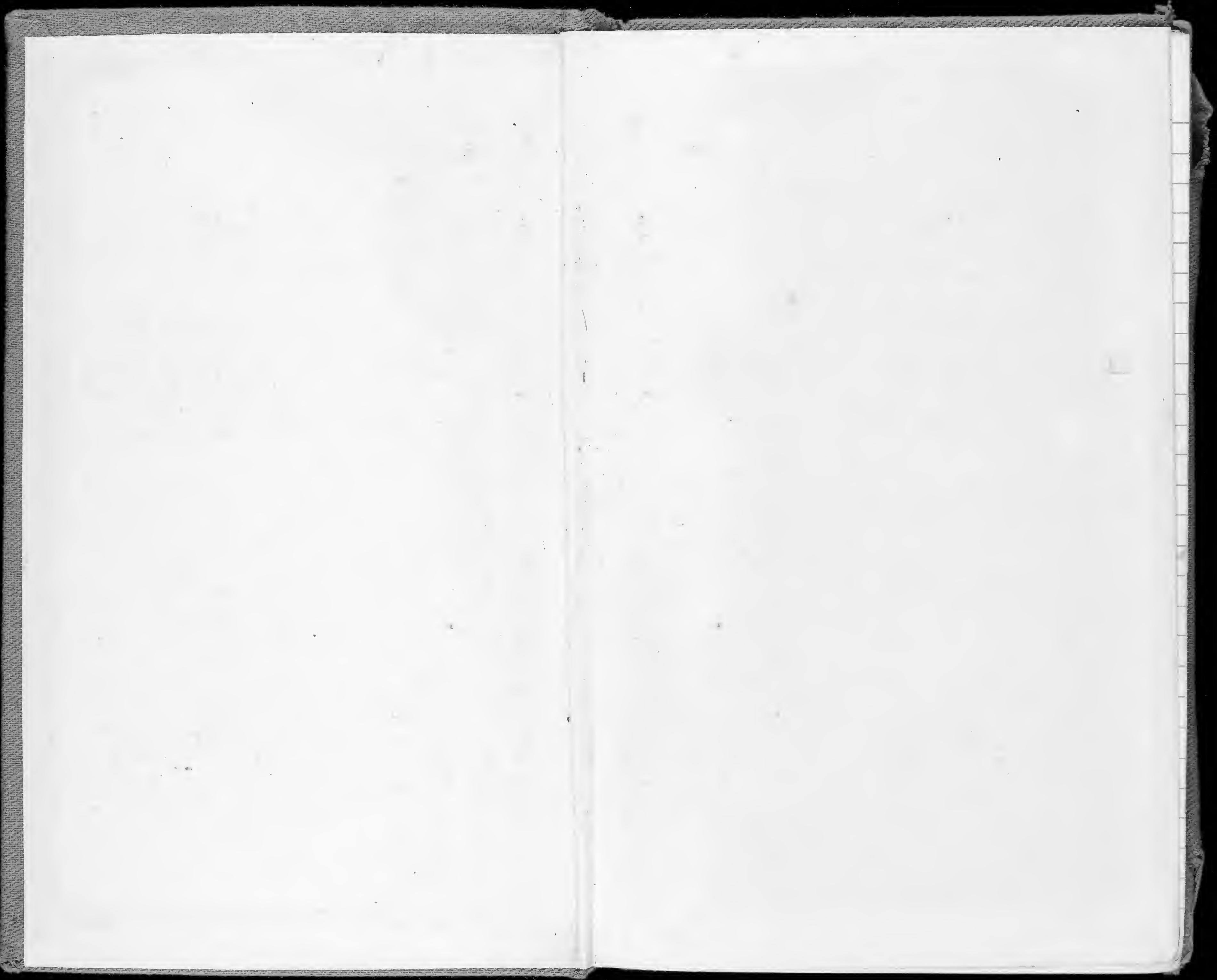


7530-00-222-3521  
FEDERAL SUPPLY SERVICE

(GPO)



tips vs 100?

first in major trees

Major point conference

Major new for Boston

March 4 230 → 5:00

afternoon with

Tac #13

i 10

235 W/EV 40"

1.6m at feet

tree come off feet

steps until -

fly rapidly out of tree

325 wind pick up

517 MW 90"

picked off first

1/3 capsule

pick at next fm

70"

hazardous

Fair 2

O-O Swamp Sept. 12

936  
Frogs -  
water side

wet - water side  
water

937 over flow water side w?

935 Frogs - water side  
Dry side water

940 Frogs in car tent to  
Dry side  
car

949 Frogs in car  
went to dry side  
car

955 Frogs in car  
water to dry side  
car

960 Frogs in car  
tent to dry side

10/10 Frogs - wet side V

Sun 9/6

1018 wet side active

w

7.1

1030 flick high back

1025 wet side imm

(w) 7.12

flame low - back out

mitig w

almost out

flame high back

1045 over the P<sub>2</sub> side on

try edge

now at flame front

1050 over H<sub>2</sub>-P<sub>2</sub> side back

on try - now 100% com

P?

1057 over the dry side on

P?

back of try (solid)  
looking forward

1105 - back on wet side  
active

1110 back on wet dry

w.

w

Sw-O-O 9/13

1115 wet side active

w

1120 Dry side active

D

1127 wet side

w

vegetation

w

1030 wet side

D

vig active

Sat 13

1030 1st Dry

D

1037 front part

w

air flow

1038 front left side  
active

w

1043 Dry side

D

cable

37  
2010

1836 wet side back down w

to water the  
other bush

1843 wet side

w

1850 no sun  
active

D

857 wet side active w

12:18

903 Dry side

D

period in between  
wet then  
dry side

1034 few wet side sun w

1037 close to sun

w

Sw-gg 9/13 continuity

PP41 wet side over  
active

W

SP

PP54 wet side close

W

active

3:9

1000 wet side active

3:10 W

wet to cold + b

1006

killed on dry side

4:10 D

to dry side

1000

lens - 3 sec

5:10 D

101+

lens - wet

5:11

SPM

11:6

REVERSE  
met. R.J.W

So B-B

q14

over the dry

over the wet & down

120' from - 100' + Pg +  
TA

D?

q15 - 100' + Pg over  
a

D

TP

q21 Dry (further) D

-

q22 over the Pg over (1st  
mass)

D?

over H-L

q30 hidden in Pg rock D

-

Nile bird is inactive +

feeds when you try  
to catch it

932 over the water hole w?

R-B) A-B

933 landed = R side D

6+

R1 10/F

Arg side very active

D

miss w  
w?

very bursty  
at higher density

D

miss w  
w?

R2 over the Arg side (high)

D?

miss C

946 landed on R side

D  
7.3

R4 landed in b, l or s, D

+ my

\*

R5 1.32 landed on g side D  
very active

R6 1.71 D on g side

D

B-B

11:15 veg side D 7:0 9:00 0  
9:00 P<sub>2</sub> side veg side 9:30 10:00 back side  
over the P<sub>2</sub> side 10:45 P?

Sep 15

9:00 P<sub>2</sub> side veg side ① 9:00 9:30 laid in back side P = W  
8:45

9:05 - P wet side A in (W) 9:10 9:40 laid in wet side W 8:45

9:00 6:00 P<sub>2</sub> side D 9:1 9:45 - " "

equiped.  
over the dry side 9:6

under back side  
P wet side  
filter over dry x2 10:45 → 12:7

dry side  
laid in P<sub>2</sub> side

12:7  
7:3

just like D

13:7  
7:3

Sept 18 - SW 00

Dry side

925 - Dry side on  
the hill

D

931 wet side

W

like st.

over 1000 days

939 Dry side over one

D

cut the

wet days

942 wet side (on

the

breaks over pond

957 wet side now

b

a

3-2

959 Dry side

D

3,?

1004 wet side like W

4:3

9720

(W)

11.10

11.12 Titled in center - wet

5:3

to wet side A side  
then hill

(D)

5:1

11.13 Dry side FA

Samp 0-0 9/20  
1024 P. p. s.

(D) 5:5

1130 feed outside on

(W) 6:5  
w/p:

Rained out

9/21 Rained out) PA  
5:0 - MA

(D) 6:6

9 " " A

P 6:7

1040 last does not  
come

w?

P. s. in hole

(D) 6:8 PA Individually  
active

(W)

9/22 water

(W) 7:8

RP feed - outside - on

edge of

edge of

Mouth outside +

(W)

9/26 P. s. s. ID

D 7:9 RB

Individually

active

(W)

9/28 P. s. s. ID

D

7:10 Q7 '013 - Individual  
with c. +

W

9/21 0155

8123 - wet side

(W)

8.0

830 wet side

c.tu

(W)

9.0

837 wet side

c.tu

litter outside, L 1000

(W)

10.0

843 wet side AM

(W)

11.0

841 Dg nm

(D)

11.1

c.tu bush

(W)

12.1

844 wet side

A.L.

(D)

12.2

845 Dg sun active

(V)

13.2

9/26 um of susp

ctkinner art - clay + over

6/7 the fls is wet side

(Door)

at back

245 Dg back

Dg back

ctkinner art

9/26 8 m

On

By

At

With

to

in

l

for

in

the

but

in

the

in

9/36 1000 ft

Elbow

8/3 1000 ft

8/3 1000 ft

8/3 1000 ft

022 n - 0

1 - 6 - 0.

194

224 + Dry

Lateral

High

1.3

Song 6-4

Sept 29

Leavenworth

Wash. State

D

Wash. State

D

SD

SD

D

SD

D

SD

D

Sweden Oct. 4

85

0

water factor

0

0

900

b m w

W

0 0 3 -

0

0

0

0

0

0

0

0

0

0

0

0

0

0

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0

0

0

0

0

0

0

Sw 44

Sw 44 - Sw 44

for Open P. D. Tu. w.

Wet sand w. d. d. d. w.

0.6 m. - " w. w. w.

w. w. w. w. w. w. w. w. w.

w. w. w. w. w. w. w. w. w.

w. w. w. w. w. w. w. w. w.

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w. w. w. w. w. w. w. w. w.

Bar 1 Sun

912

1000

842

1000

1000

1000

882

1000

1000

1000

932

1000

1000

1000

942

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

1000

Say 6-10

Oct 5

2  
6-10

Rock  
Wetland

10-11

10-10 (Tr. down 1) id

Total above

10-11

Oct 12

F  
Cana Oct 11 1989

Cuban hillside 3-7 R.B. anhems

3 stages?

1st SF

Eduard and Prisc

Oct 12 PCP → SIERRA

Tard & pr. on W.E.

Bon. black bellflower 1

Crusia 1

Thlaspi lyngbyae 1

Thlaspi

Crusia

Crusia - 30<sup>+</sup>

Pragia flava

Scutellaria

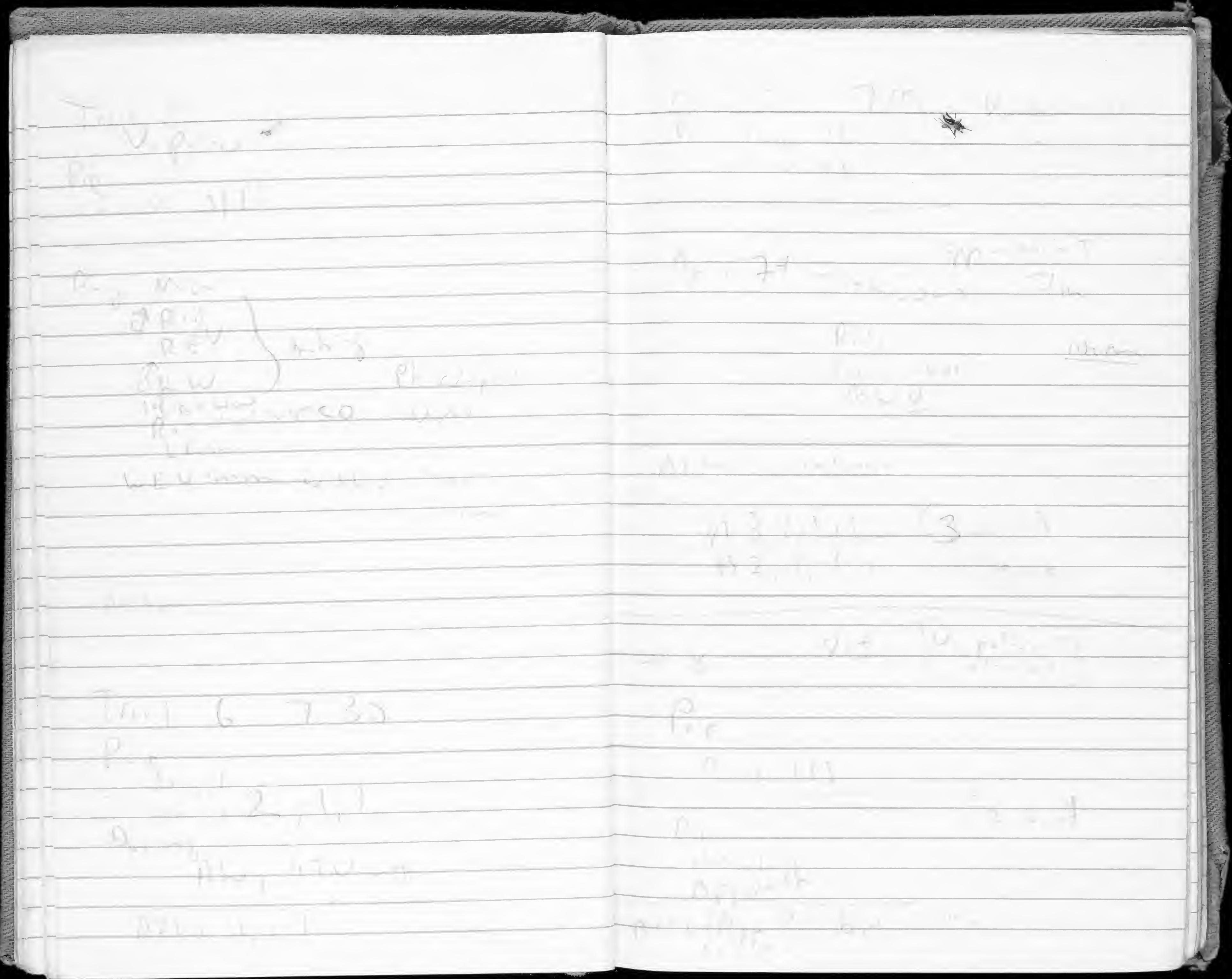
Oct 10-13 1961

Tent 1 Vg.

Pc Vg.

Vg.

Wt 11



A.C.E.

B. C.M.P.D.

D. B. S. P. D.



Jan 14

The B

Two  
days

ago

Jan 12

On

Day

14

14

14

14

14

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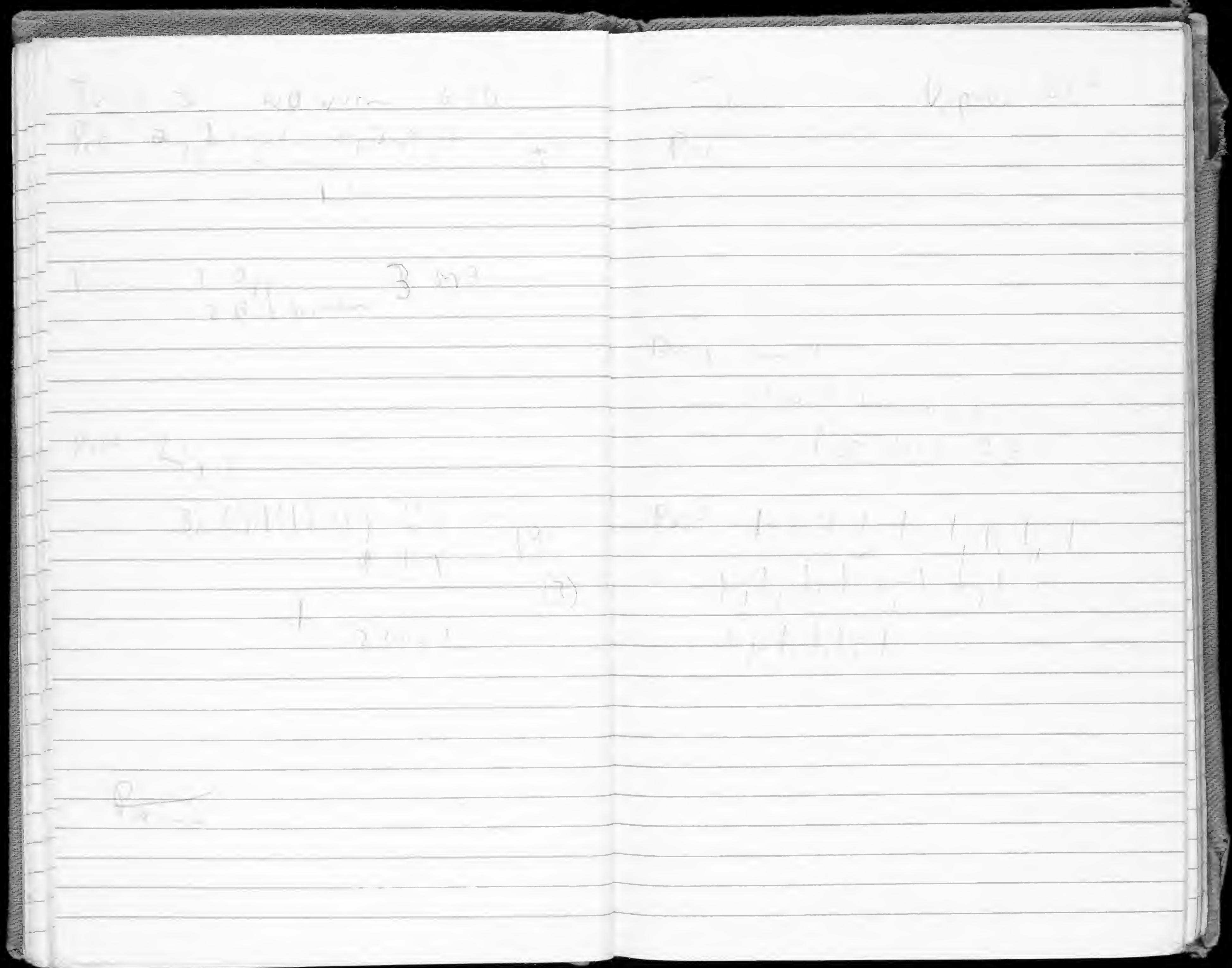
14

14

14

14

14



Truck 6

Truck 6

1000000  
1000000

px

by

1000000  
1000000

px

1000000

px east

1000000

1000000

1000000

1000000

1000000

1000000

1000000

1000000

782

783

784

785

786

787

788

789

790

791

792

793

794

795

796

797

798

CAT out

guano

guano

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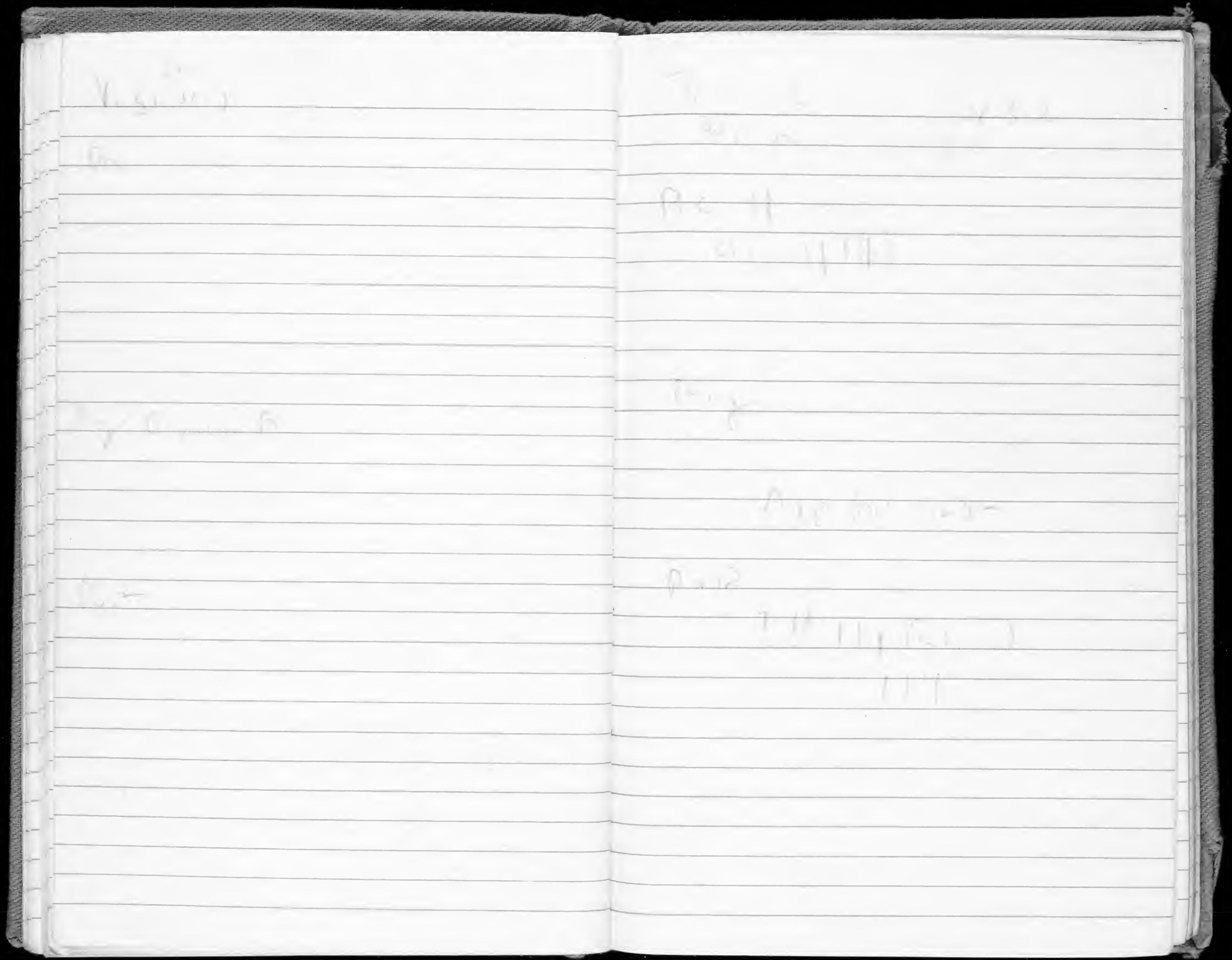
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D. 1. 111

111



Oct 17

Pitmeadow Experimental

1030-1200 WC  
walked along

Oct. 18

Grazed Acacia - with Laura

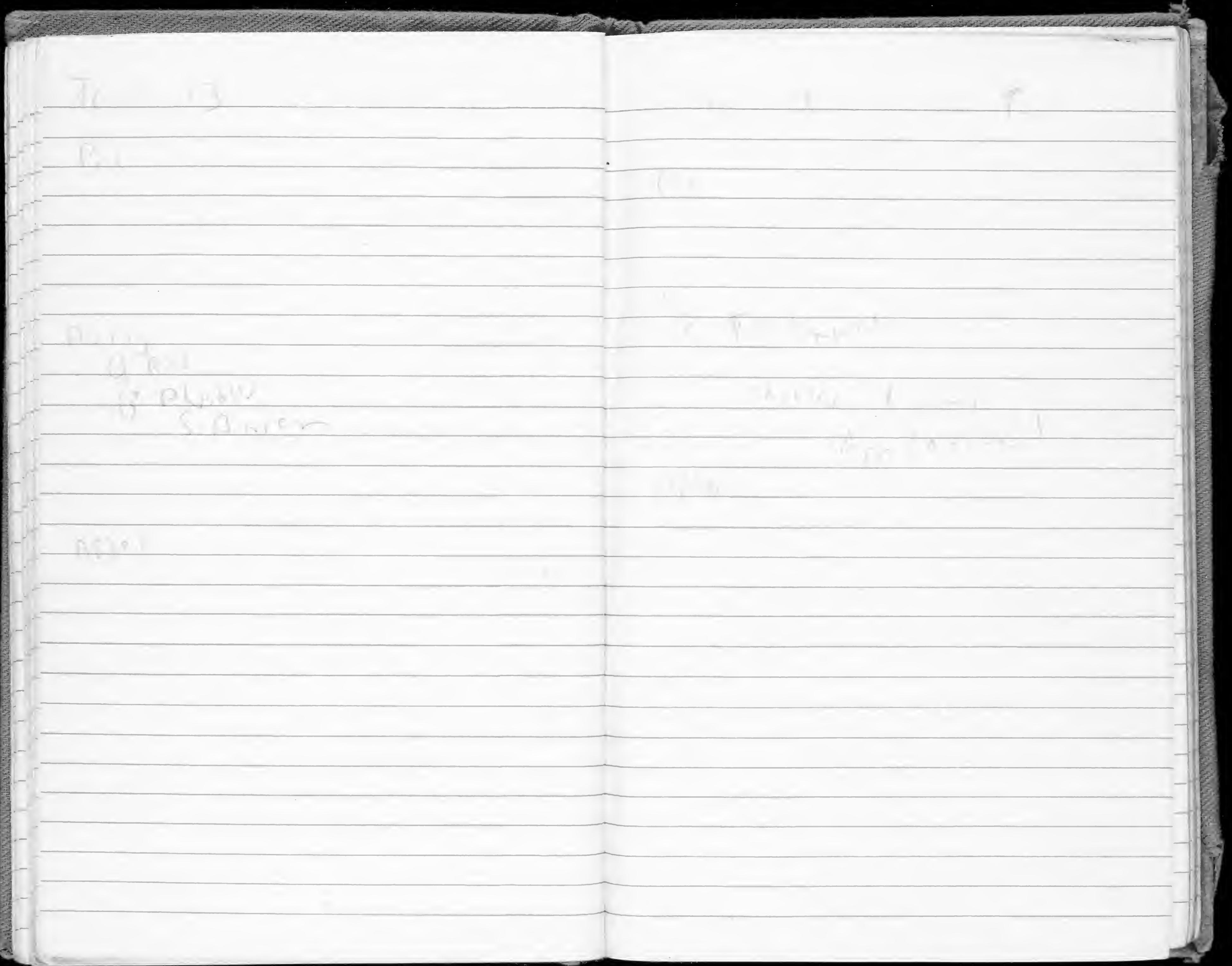
getting foraging data on  
Virico - Saw 1 cat + 2 min

WEV = Argus - no interaction  
with low shrubs

also 2 foraging Busseys  
one with Scrub Vireo +  
one with W.E. Vireo

Lots of mynahs

Blue-winged, 1 CUV, 1 JW  
Eastern Wood Pewee



R  
M

1000  
C P B T

Nov. 3

Oct. 16 - 18 week list

Sicuan

Near R. Nunez

(Bare-throated Tigerheron 1st Juvenile  
Great Blue Heron - 1 Wandering Heron )  
Great Egret common <sup>st Q.P.</sup> b.W.Heron <sup>et</sup>  
Snowy Egret common S.T.  
Little Blue Heron common  
Tricolored Heron 1st st. first/summer  
- Thick-billed Terns common in  
for +

Pied-billed Grebe - Cobs

Brown Pelican - B. Pel.

Clownish Cormorant B. Bill

Anhinga Cobs

Magnificent frig. bird - 1st Gray + Adjunct

Green-backed Heron common

~~Yellow~~ White Ibis - El Rio

Rosate Spoonbill 5 - El Rio

Wood Stork Cobs

Black Vulture +

Turkey Vulture +

Osprey B. Pel.

Crane Hawk - R. 24 Patiro

Common Bl. d. Hawk - El Remond

Great Black Hawk imm El Remond

Gr. Hawk common

Rough-legged Hawk Ab.

Short-tailed Hawk - 6 last place

L.-ring Falcon - Common Patoos  
 Tilled Forest Falcon - Nos fer <sup>Avek</sup> S.T. several times  
 Merlin - Gared Areal  
 B.t. Falcon - S.T. C.I.G.  
 Prairie Falcon - Boca Pilla - S.T.  
 Plain chachalaca 10km NE C.I.G.  
 Cattle Turkey - very uncommon  
 Black-throated Bobwhite - Gared Areal  
 Gray-necked W.R.I. - uncommon  
 Black-bellied Plover B.P / El Rio  
 Sora Plover B.P  
 Wilson's Plover B.P  
 Semipalmated Plover B.P / El Rio  
 Killdeer Cobas  
 Northern Jacana Cobas  
 Greater Yellowlegs El Rio  
 Lesser Yellowlegs Flut. Et R.  
 Spotted Sandpiper B.P. Oct 15  
 Ruddy Turnstone B.P  
 Western Sandpiper B.P / El Rio  
 Least Sandpiper B.P  
 L. Sharpbill B.P  
 Royal Tern B.P  
 Sandwich Tern B.P (5)  
 Red-billed Pigeon Common  
 Wh.-t. crested Pigeon 2 El Rimanal  
 Common Ground Dove  
 Rudd Ground Dove FCP

Blue Ground Dove - near R. Tibeche  
 white-tipped Dove Common  
 Cinnamon Dove 1 near fcp  
 Olive-throated Parakeet Common  
 Wh.-t. fronted Parrot Abundant  
 Yellow-faced Parrot +  
 Squirrel Hawk Common  
 G. B. An: R. Namevo / Patoos  
 Variegated Scrub Owl Common ST  
 Mottled Owl 3-4 sightings ST  
 FCP Near fcp  
 Lesser Nighthawk Common  
 Common Peregrine Common  
 Yucatan Poorwill I seen Gared Areal  
 Yucatan Nighthawk + hd S.T. May  
 Common Patoos (Tulum-FCP) full moon  
 Vaux Swift common  
 W.T. Schrewing Common  
 G. Braided Myio I Gared Areal  
 Fork-tailed Flycatcher +  
 W.B. Flycatcher Forest & savanna Areal  
 B. b. hummer, bird observed L  
 Cinnamon Hummer Common  
 Black-headed Tropic Common  
 Violaceous Tropic Common  
 Blue-crowned Motmot Common  
 Belted Kingfisher on coast

Colored Arses:

Kral-billed Toucan

Red-vented Woodpecker 6-10

Golden-fronted Woodpecker common  
Ladder-backed Woodpecker

Smoky-brown Woodpecker common in  
Chestnut-colored Woodpeck mixed firs

Lined Woodpecker in Rd to PCP

Pile-billed Woodpecker 2-3 ST

R. Fins-banded Spinetail 4 obs  
ST, 6nd Argd

Plain Xeape near fcp

Toury-winged Woodcreeper

Ruddy Woodcreeper

Olivaceous Woodcreeper

Ivory-billed Woodcreeper

Banded Antshrike - (Upper Argd)

Bl.-V.-feid Anthro 1d near fcp

N. Bearded Flycatcher (common sm's  
a Argd) fcp

Greenish Elencie - common fcp

Yellow-billed Elencie - common fcp  
common in Argd

Ajyab/pair

N. Bintbill - common in forest

Yellow-thr. Flycatcher - 3-4 hd near fcp

Stubb-tailed Spidebill common

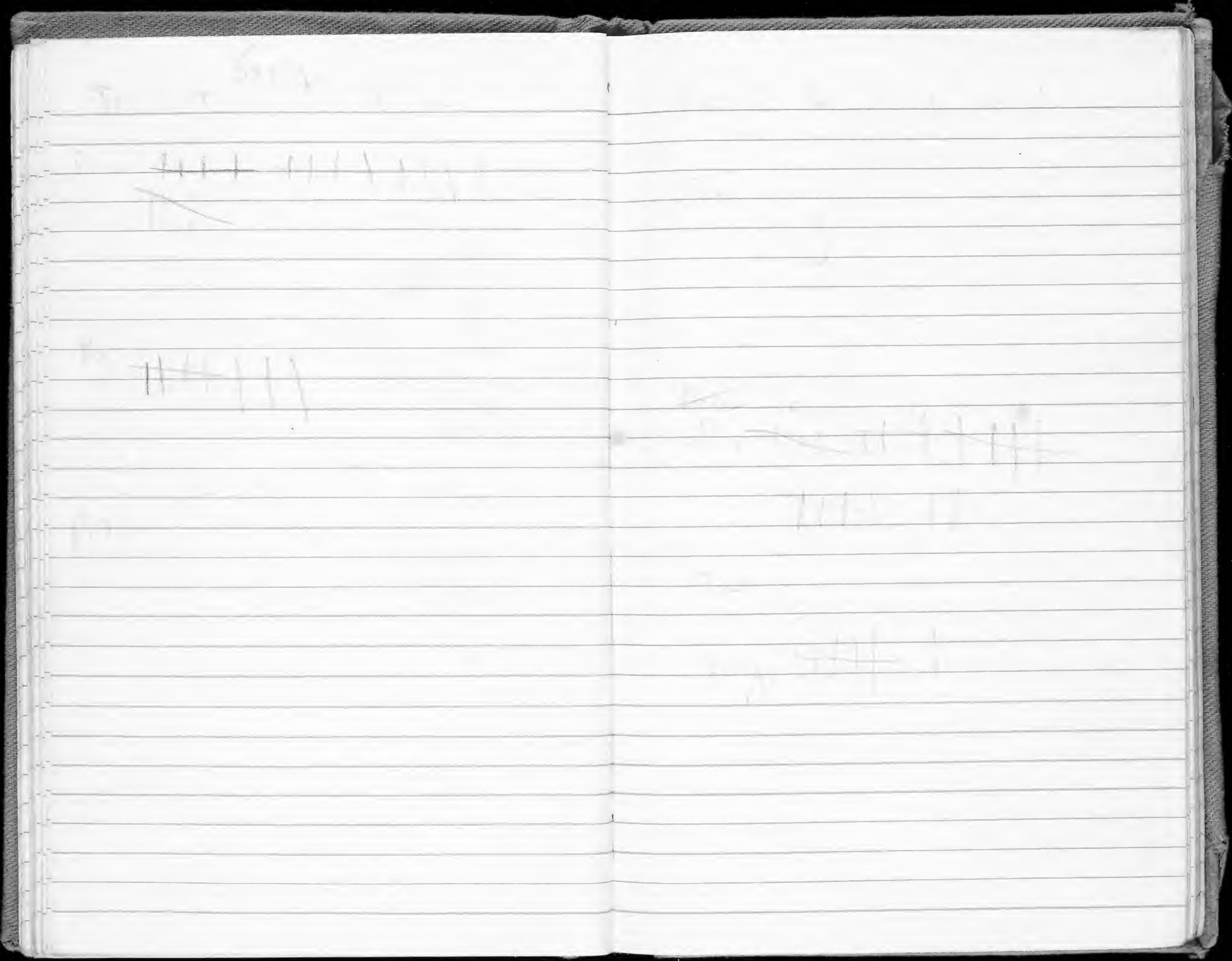
Royal Flycatcher KM, 800 ST-CB/  
LM

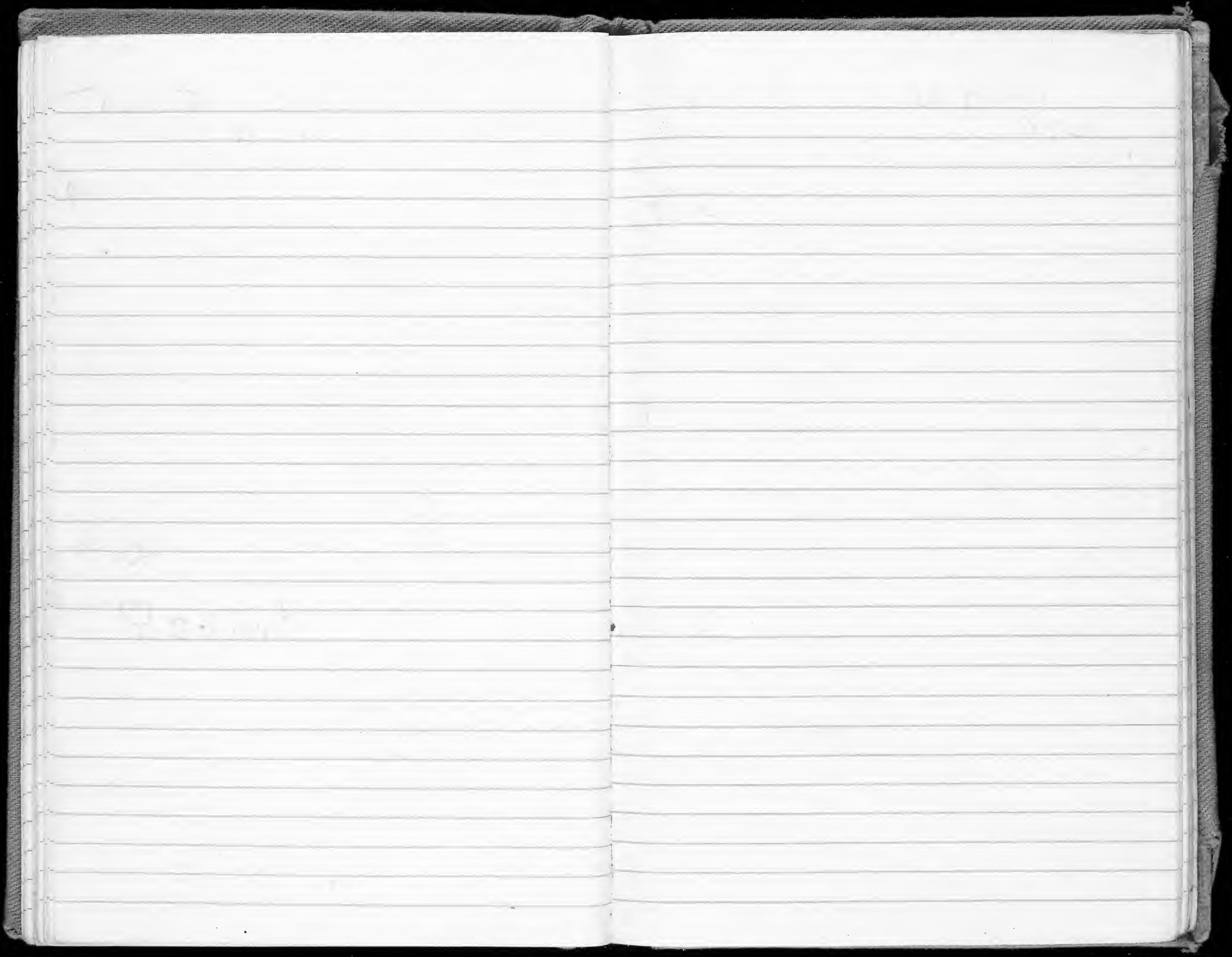
Continua Lctv

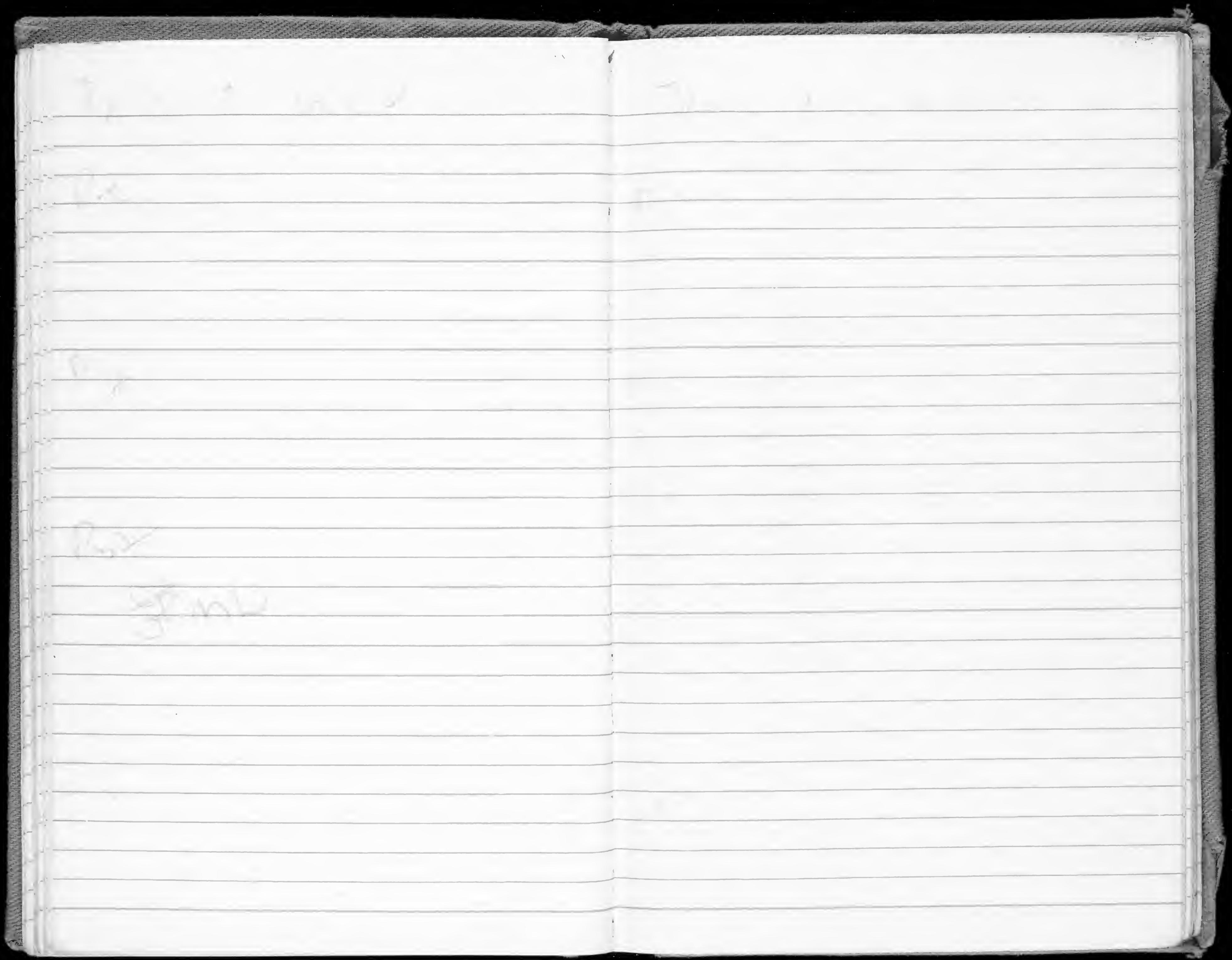
CH-1

3

CH-1 (P)

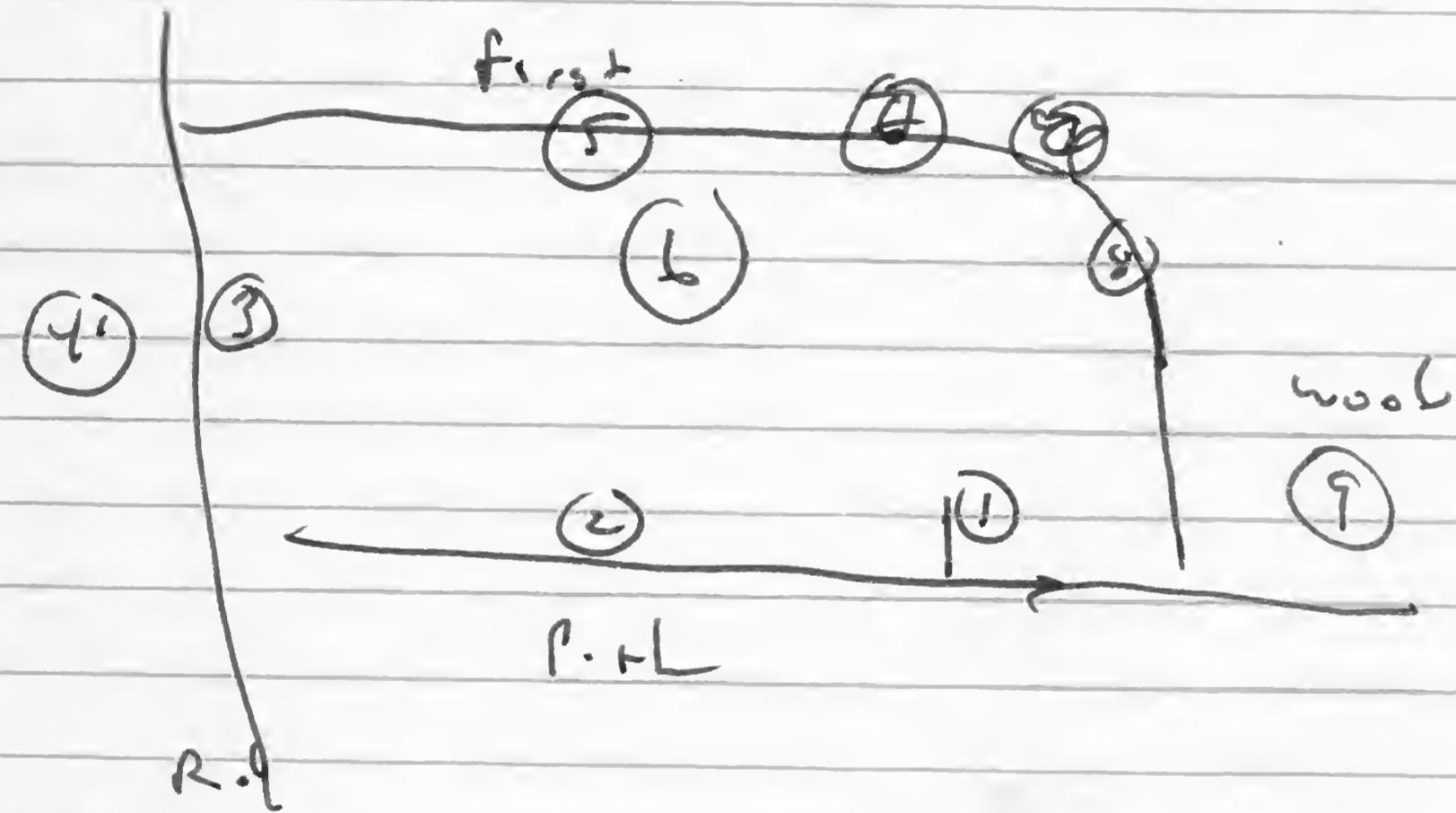






Oct 19  
clear, calm

Took to catch vireos for JJ



1 - P. L. - nor

2 P. L. - App + S. Nod.

3 Nod. - P. L. + P.  
+ S. Nod. - Nod.

4 Nod.

5 W. E. U. App

6 Almost (short) P. L.

7 - W. E. U.  
capture  
R-R  
P. L.  
Nod.

8 W. E. U. now

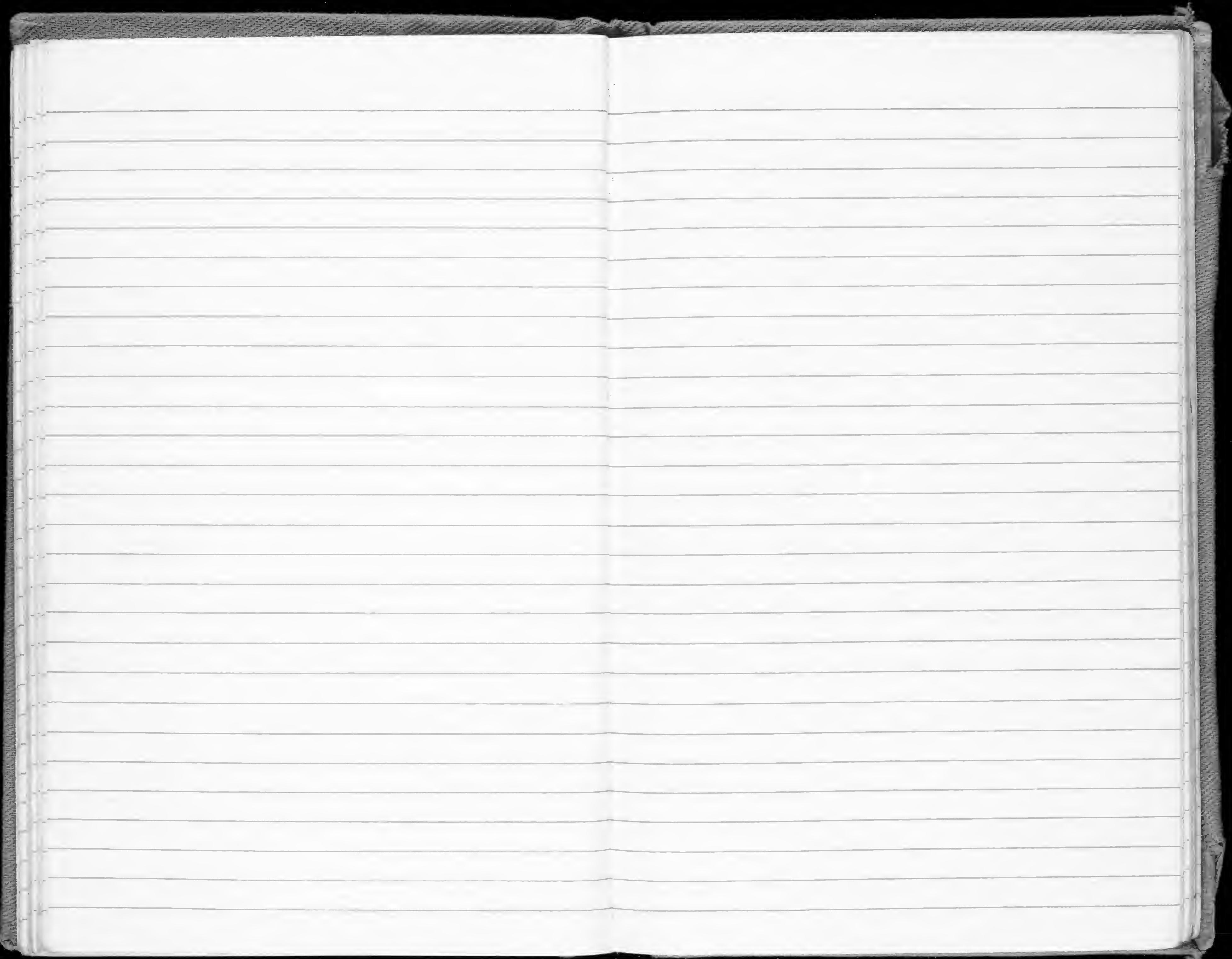
left  
P. L. short

9 W. E. U. S. R.  
App  
P. L. short

October 19, 1989

Vireo griseus

No. 1 red band both legs 8:20  
fat wing 5.52  
one tail  
bill 7.2  
tarsus 1.05  
weight 72.5 = 11.0



152L:81

27 October

Mung - green Archibat  
forest Scr 1-2 (scrub)

PM along transect to rain trees

trigone	Nir-Lam	Borneo
6/11		Pt.
8/2, 11	4, 1, 1	
	3	)

83: 48

2	1	2(1g)
3	1	
18	6	
6, 1	1	
8	5	<del>3/5</del>
2	1	
3	1	

Merlin:

XII/1

5, 1, 1

R 3 2

4 1

4

5

5

1 (sp)	1 ♀
Vitex	fru
M. topium	fru +

3 + 8

2, 3

2

3 1

13

16B	13
-----	----

also seen BTs

+ C. w. m.

♀ BB G. woodpecker

♀ Red breasted n/orch

B., P. t. L. others

↑ Pt II R. L. L.

8	2	0
4	0	0
9	1	
3	2	03
3	2	176

P. & L Bl. L q R. d. trt  
Pt 6

BTL 3'

BTL q  
mm

Expt 1 Rocko Tchou

1 WEU  
~~cutter~~ 20 m into Scrub

call id WEU : 3-5 sec

2:00 pt. 7111 Rollers called

it : in 20 sec.

This physical WEU was in

no interaction

2. ~~Scrub~~ Forest WEU 20 m  
in WEU - call + cut  
scrub

No Response

3 (Forest) WEU - Scrub cut  
scrub WEU NR

Call + cut

Scrub 20m  
 & Expt.  
 W E S N  
 Scrub 20m  
 W E V 15m

Expt 1  
 Forest Subsy  
 (W E V)

Expt 4 (Scrub) 20m

Pillars long -  
 a  
 b W E V 15m - 2 floors  
 no. walls

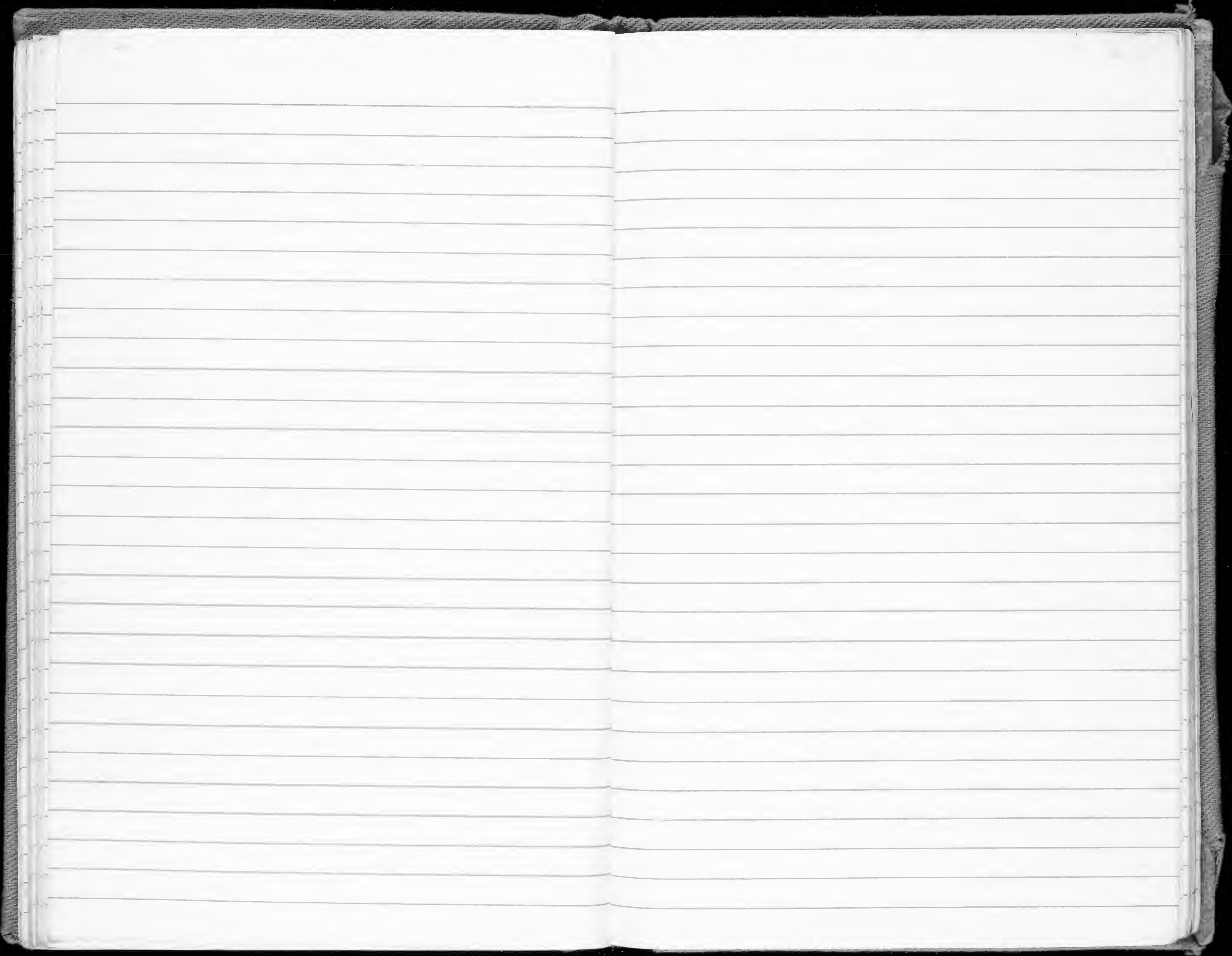
Expt 5 (Scrub) 15m

Pillars long ← spans 2 rooms P  
 both scrub 10 sec  
 for other walls

6 - (Forest)

Expt W E V 50 sec (long) App  
h: L

Pillars → from edge



8ft + Scrub) - narrow  
hard or scrub  
wind + clay

Pollens - neck

grasses - neck  
(one in  
in 2 minutes)

8 Scrub edge  
narrow band

Pollens - neck

grasses - neck

9 poll.,, Scrub TD 100' spp  
+ sig

L EU - go over  
Almond  
to

Trial 10 - Scrub

P. 14<sub>10</sub> - 10"

grasses - both side on

time series

positive - no variation

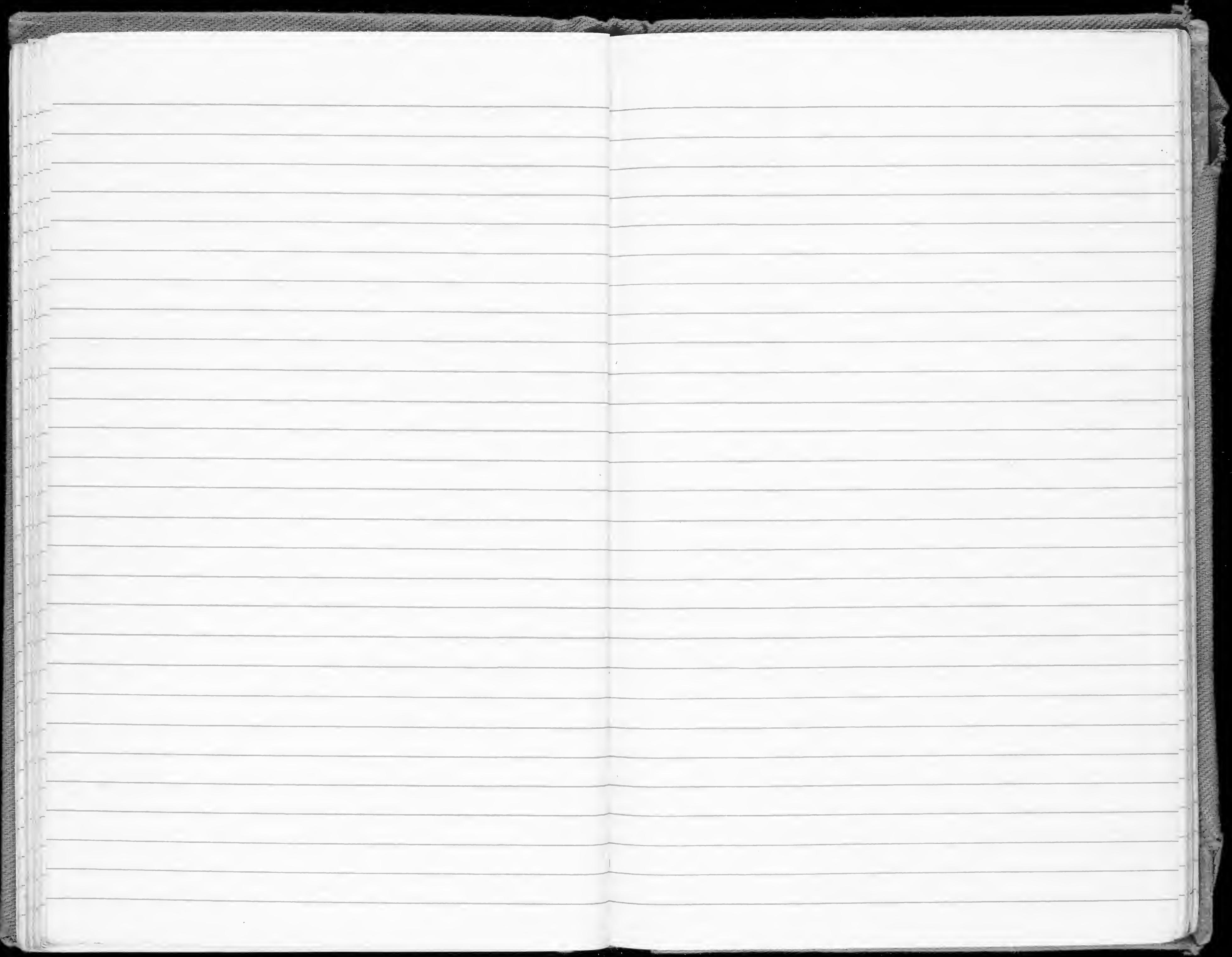
Trial 11 Fors2

Grasses  $\approx$  20 sec

Pollens neck

Trial 12 Fors2

grasses - neck



Scrub 5<sup>t</sup> 2  
Forest 0 5

Pilb.<sup>1</sup>

6

Scrub 6 1

Forest 4 1

Oct 24 - 55 min

13 - Junc

pilb - mch  
grasses - l

(of  
of trees)

scrub

14 Scrub  
pilb - mch  
grasses - bltz 60 sec

Bld T-p

15 Scrub - 20m

pilb - mch

16 2km NW ST

0/4  
Aug 11

Forest

Pilb - mch

5' 11" - 65" - two sizes chs

2 marked weevils - Acrabat -  
Guzal

B R 40m Bl/lgr l.f.d !

8 R 5m Bl/wl bluc !

Oct 27

9 R 20m R-b/f-b-b

G N Guzal

Bl/wl + white l.f.d

Bl/wl white

, 4.5 l.f.d

0 f R R.b q

6 mm um

6-9

11.5 mm drk red

11.5 - 13

S. fir

12/15 mm

Oct 26 - trees on unirred

Oct. 26

Lyu

Non Iguana

Buvera

|||||

||||H+H+H/

6 | 6

[7] | 4

||| | 5

[.] | 3

4

7

8 | 5

[2] | 3

4

(2)

1 |

1 | 3

4 | 4  
1 | 2

L N  
1 6  
(1) 5  
1  
(1) 1  
2 3  
3 - 1  
1 2  
1 1  
[5] 4  
4 2  
5 2  
, 3  
2 8

19

6

10

7

1

6

2

三

8

1

1

1

10

1

$L + L_{\text{fract}} \perp p \perp 12$

11

3

(3b<sub>2g</sub>)  
(t<sub>2g</sub>, e<sub>g</sub>)

~~long~~  
- fast  
full

big  
shell

1

③ 44515  
✓ ✓

L N

15

3 6

4 6

3 4

3

B  
LB  
J.  
EF]

Small Ripe Bunch  
with fruit cl

pt 9 of

Unripened Aged -  
no ripe fruit

Oct 27

Unsampled Tree Pt 9

we counted a branch with

~200+ frt to see ripening rate

and we counted frt.

5 branches to see removal rates

Clear (alm until ~71)

Oct 28 Watcher, Bullens  
Pt 1 Green Agel

5:55 Yellow-throated Vireo

3 minutes

Site 1

found 3 frt  
at one feature

606 Ww v no/Rb?

Site 1

(2) sec-prob.  
got on frt

Partial regeneration

(Pw)

631 Ww v no/Rb : Sissing

50 sec. tree - right

2cm'g w/p/lc  
by 2' + 1.6'

720 V-pettins 74sec

found one

at old sedm

sink?

white R, 2t

716 - Suck w- ridges  
but 1 ft from main stem  
when R-6 R-1 L-80  
central + straight  
for 90 sec.

720 - Wind 10 sec up

722 3 piths 69 sec. Scratches

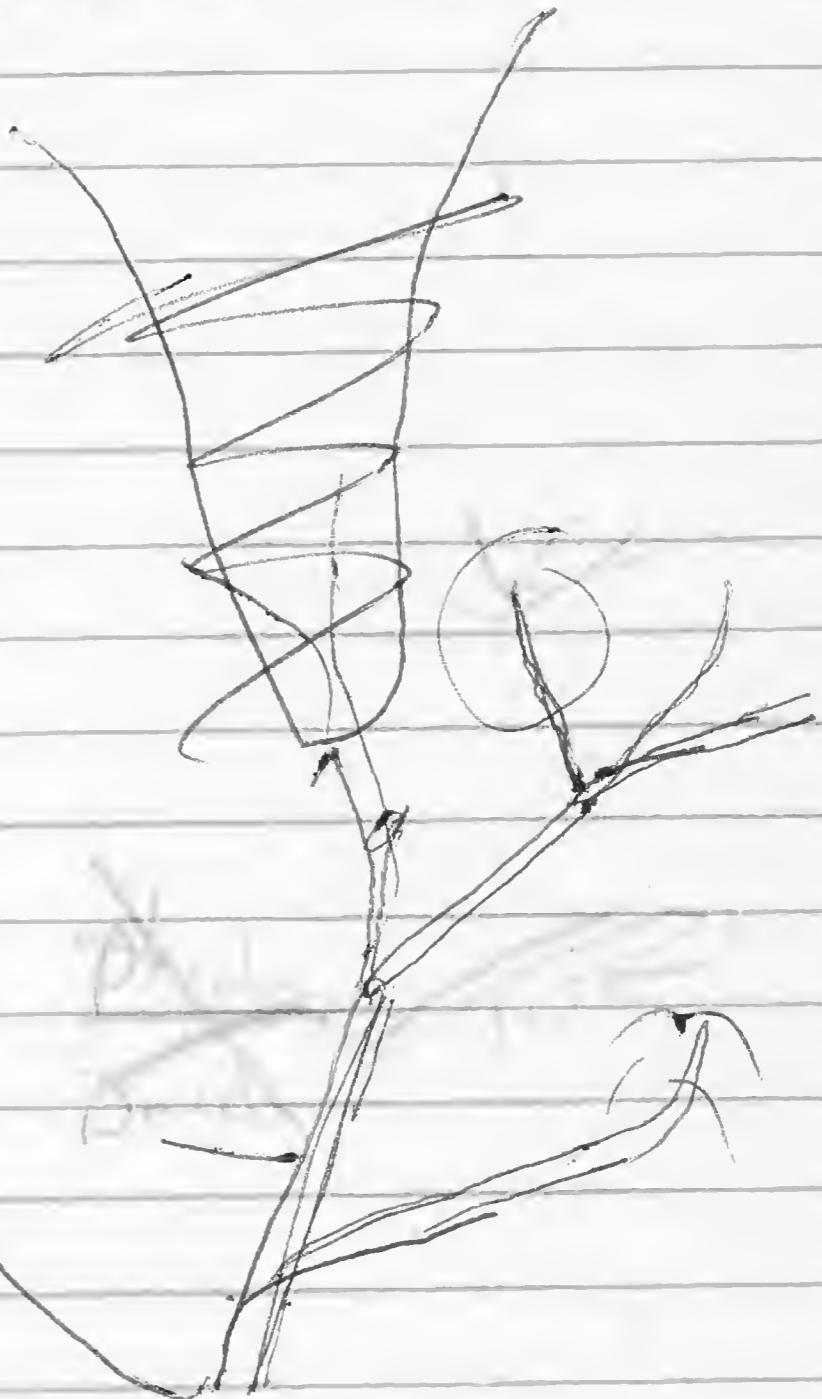


830

Oct 29

\$ Texas fruit wood

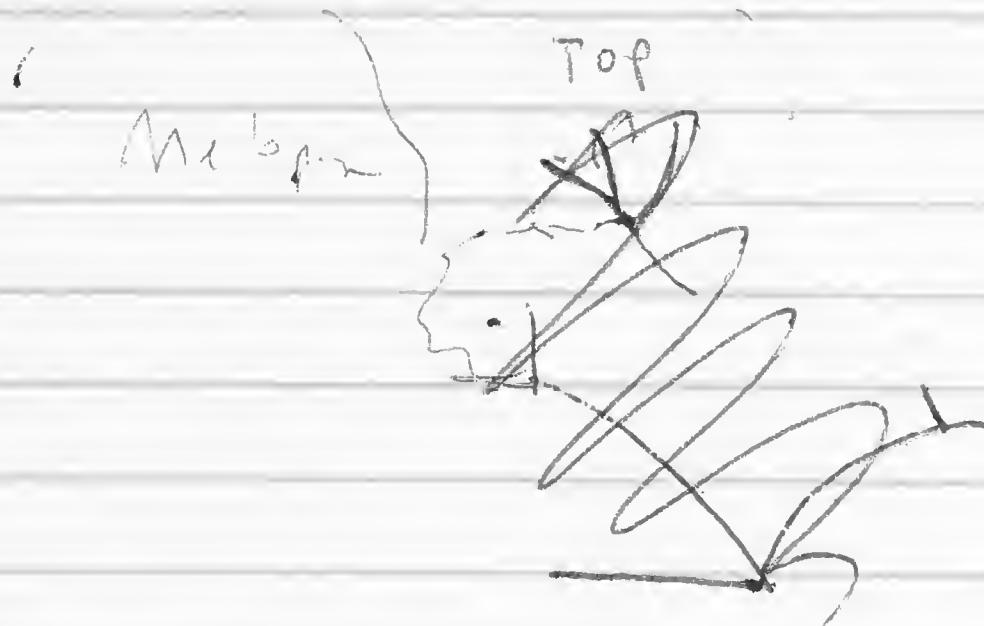
Tree #1 40<sup>ft</sup> 20<sup>frt</sup>



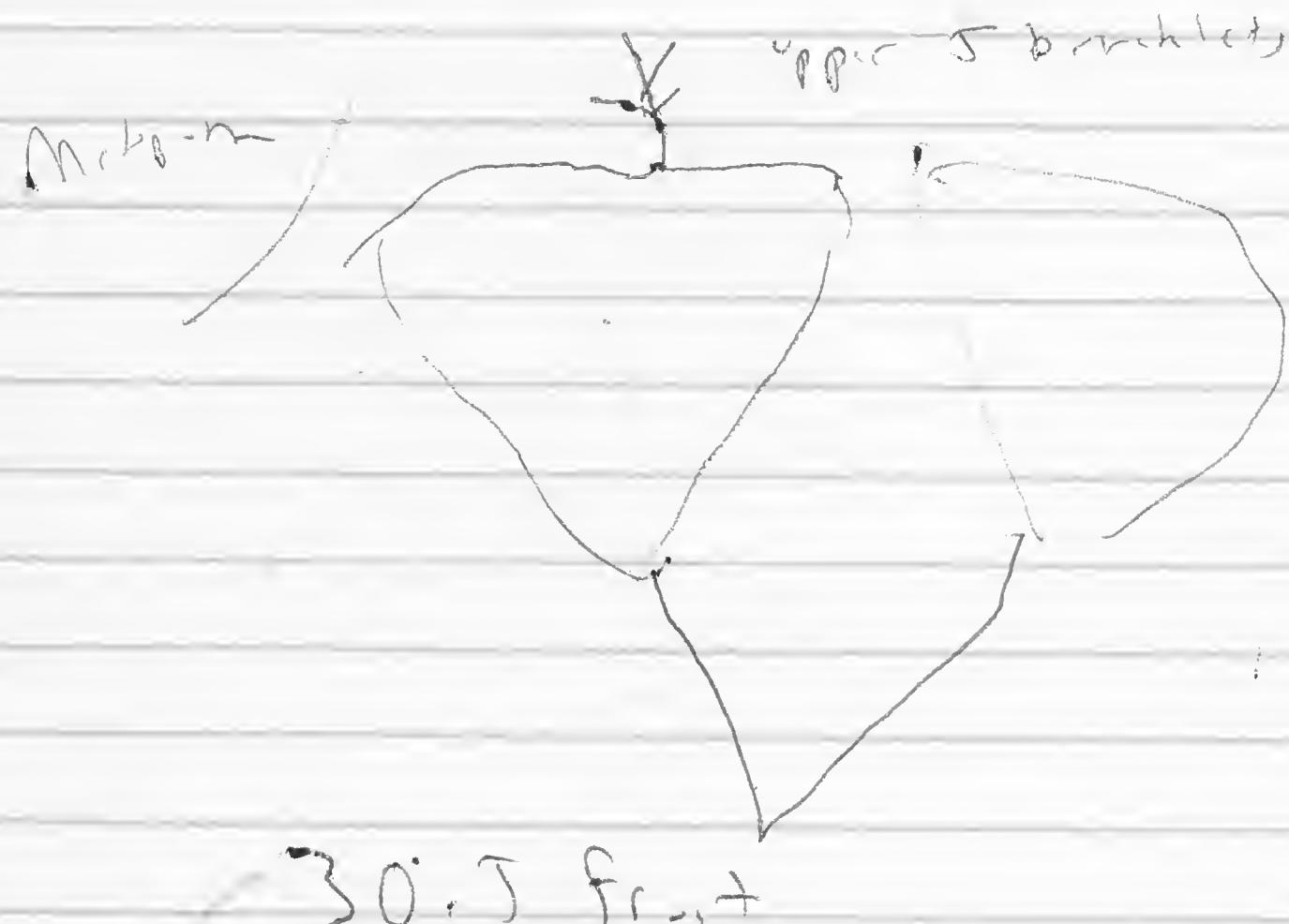
Right Fork

No. 116-36

Tree 1

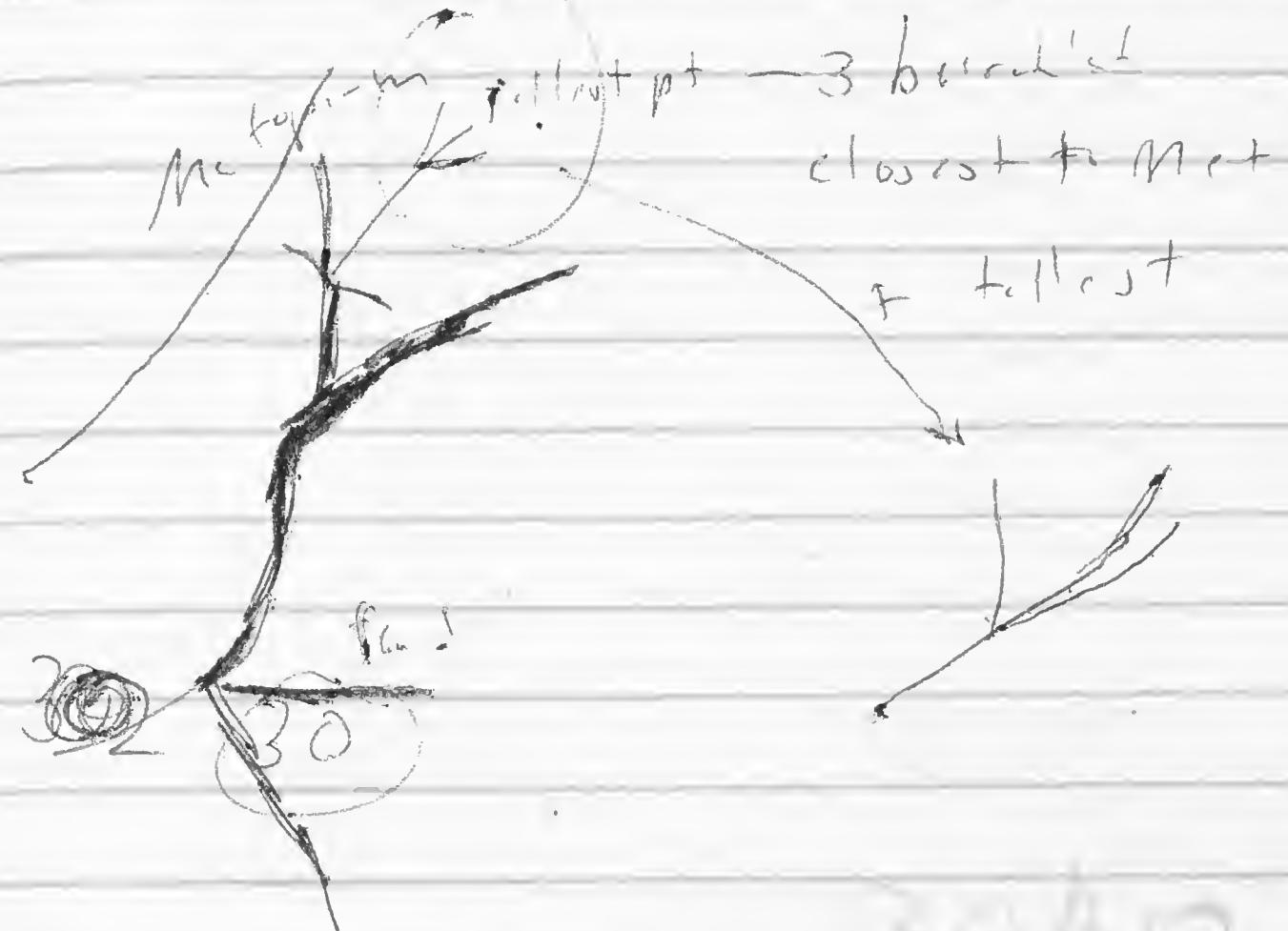


Taller on left



No. 11 = 28

Tree 2



No. 12 = 2 fruiting  
= 28

Some dry purple rotting spots  
after 5-10

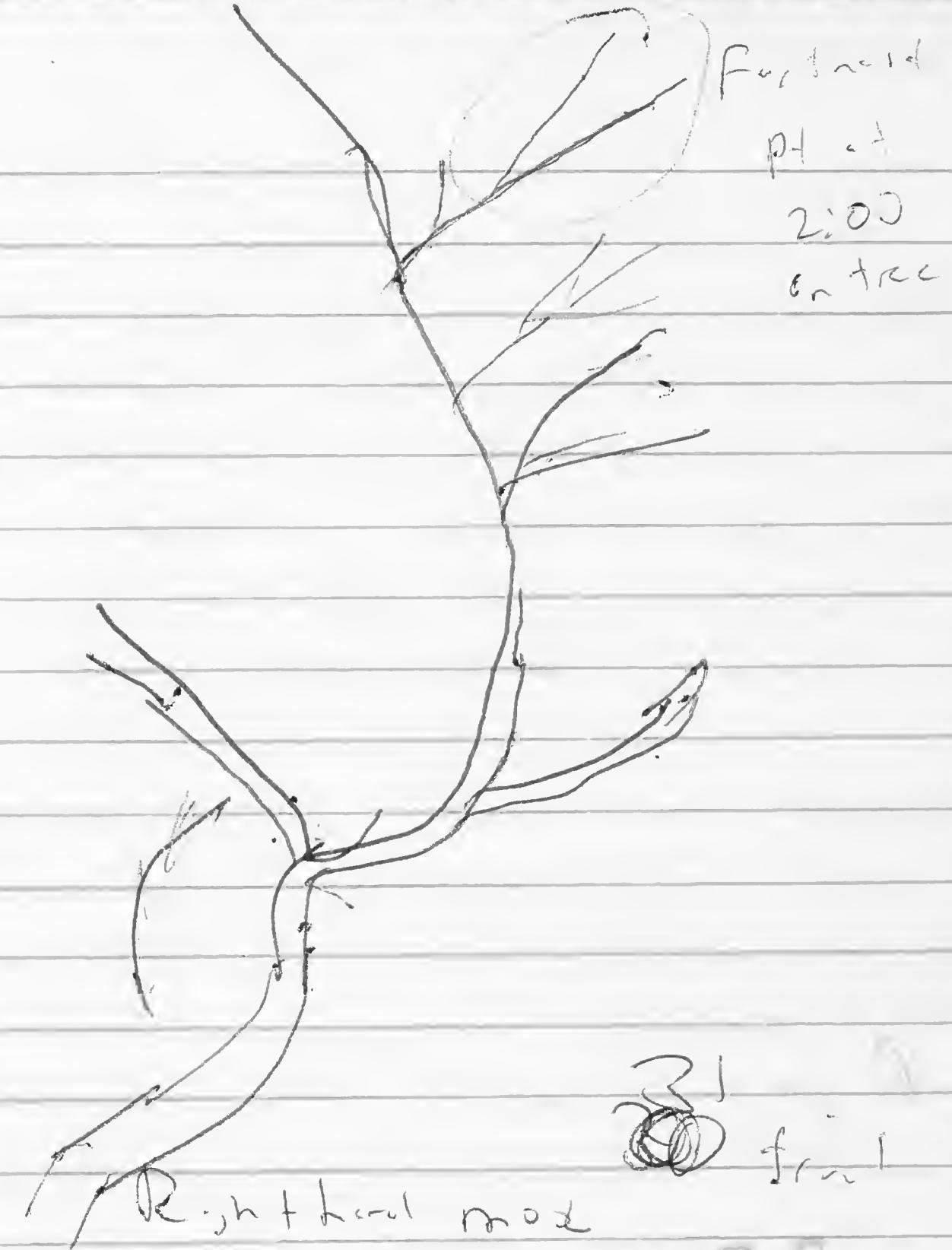
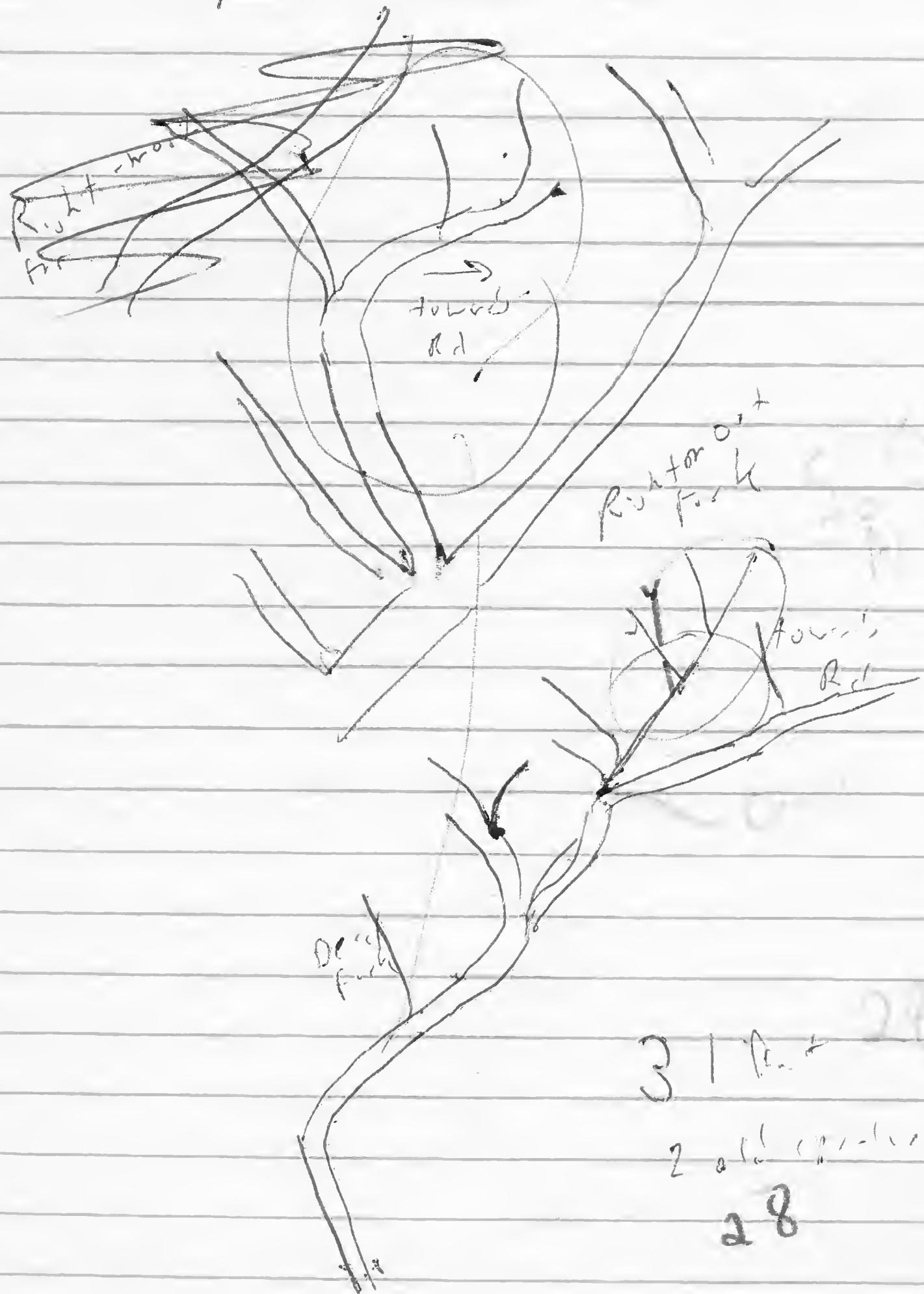
Starts 3, 14, 20, 26



31

No. 12 = 30

Tree 4 = 600



barcl

28

in band

28 Nov 2

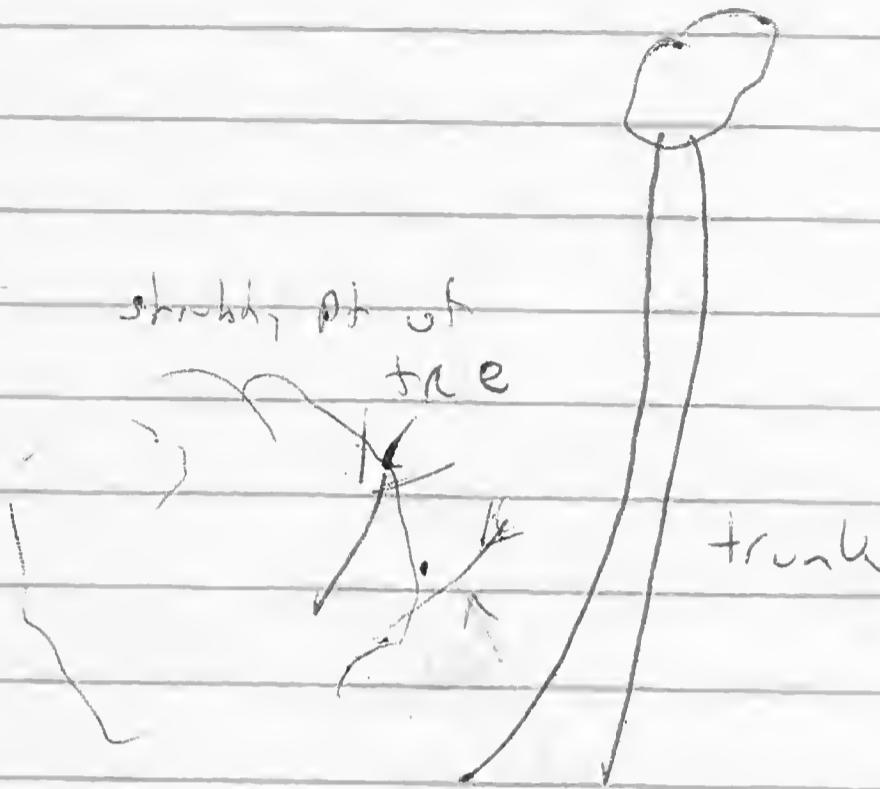
Time 3<sup>+</sup> 200

31 Oct

2000

28

Tree Elk Ground Ac. Pt  
9 R 20m



branch closest  
to trunk



~33 ft.

Oct. 29 Gr. 20 Ac. Pt 9

Birds & Witch

549 - 1' 12" sec. cl.

got fruit lift tree  
h & v R-6 R-6 (+ all)

553 53" Q-6 R-6 tried one -

got second terminal  
lift off (+ ch. flv)

557 Up hill W 52 sec tried

once (-)

G. B.c fly perched on h. h. h.  
branch

f30 U.p. unmarked - node

635 n + b 1.30"

Set in 2 min

remove lymph  
+ sub find  $\oplus$

Ch + b

Pithes  
[835 - 15" sig.  $\frac{1}{4}$ "  
in Bursera]



9.00

741 R-b R-b 107"

mid a rush (?)

at base of tree

which I didn't see

~~the~~ calling

801 120" - neck? cut?"

see bird

Quill

926 Pillars w mud -

68"

Oct 30 ~~K~~<sup>L+</sup> 9 twice  
6 min

539

5-12 R-R + 115"

min. 2 sec  
min. + L + 1m  
 $\ominus$   
51-1

503 Quetzalcoatlus  
tail 100 mm

htv palm & wds

chain 4x by

Quetzalcoatlus  $\ominus$

400 sec. for 20 sec.

635 [q. RFT]

651 (N. B. W. M. L.)

651 70" pillars unpolished  
 $\ominus$

can't see + max  
longer m. L.

701 200 sec. R.C.R.  
L.E.V.

round white tail  
no tail  
chitinous

732 [Perh. W.]

795 ♂ Scutigerum 17 sec.

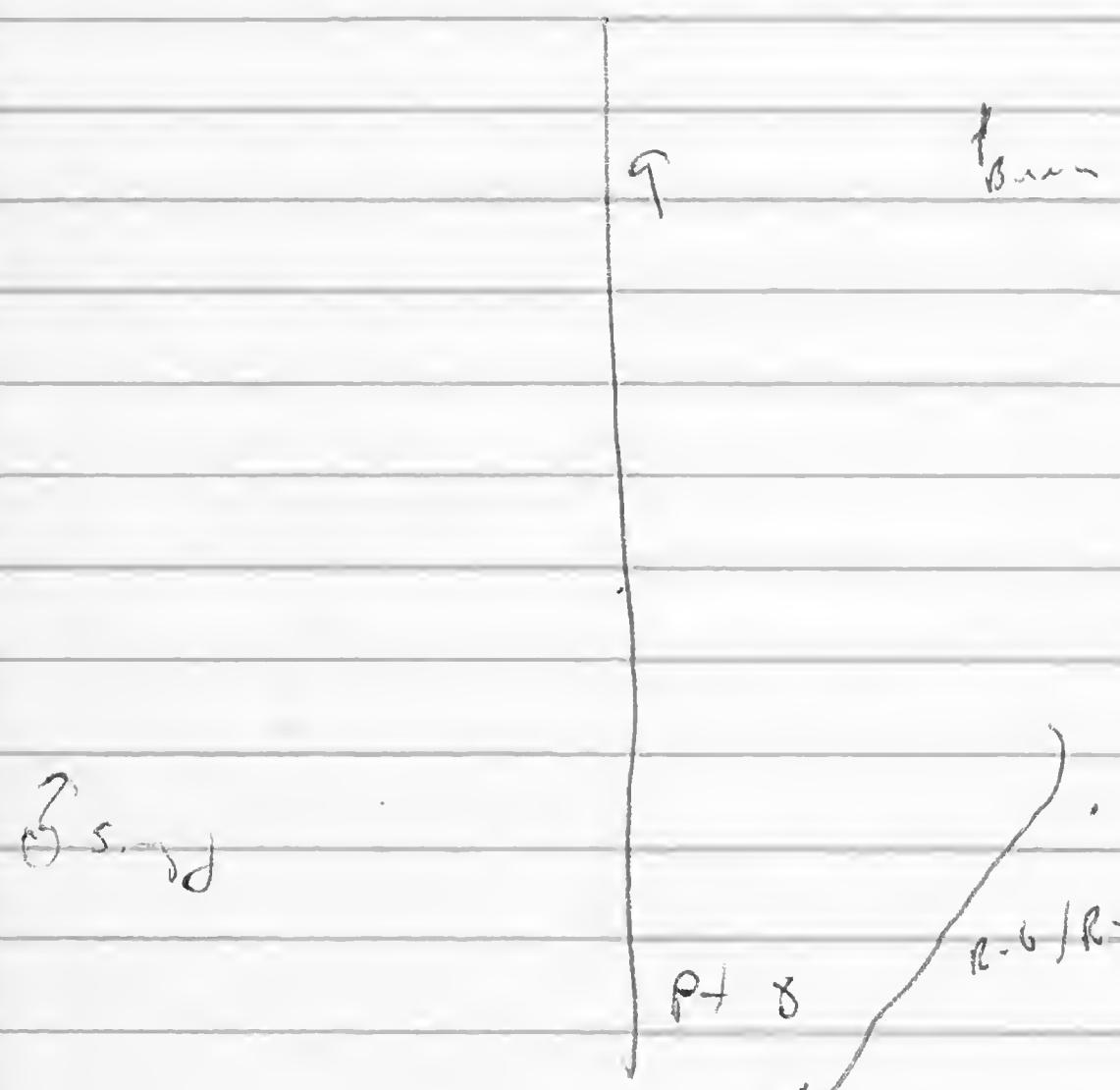
539 6-L/6-R -  $\frac{1}{2}$  sec.

78"

End 148

2:30 Oct 30

Oct 31



5-10 - W-E wds " 2 "

S-<sup>→</sup>

120" fine one  $\ominus$

S-optically M-tube - 10"

#

return to "

623

Black/Red MW ... sec 5"

left

O<sub>5-2</sub>

63" in E R-6/R-6 78 sec

and a :

N.n. Black ||.nt Blk  
B-w w. (bl)

651 - 17 sec unvol. filters

PW 8 15 sec

[2nd time I've seen a

marked ♂ Rias, tr. in the ca.]

can't run back

um P. - W.

R - G. P. C.

724 47 sec

1. At b. 4)

but for 10 sec.

11? 180 sec - Found 2  
got one (in

cell

(-)

(sparks)  
full)

(+)

(+)

702 4 inst. Vario

83) um inn wen  
in for 37 sec

Time

600

63<sup>6</sup>

716

Nov 1 E. 100-6000

530 direct

Magneto "

550 vib chart

130 "

fig 1 (6)

fig 2 (7)

612 80 sec

732

better way

Hall (4)

70 sec

wind bony

730 V. & W.

8 sec (4)

Vib too

650 begin 3"

670 80 sec 3"

692 80 sec 3"

716 80 sec 3"

30 sec

Nov 2 Borneo per

Trec Lo Co.

1. 100% very windy day

W.W. & hazy

1st - 2.8 km

2nd - 0.8 km

3rd - .08 km

4th - .09 km

5th - 1.08 km

No. 3

545 New Zealand

550

New Zealand

New Zealand

750 New Zealand

New Zealand

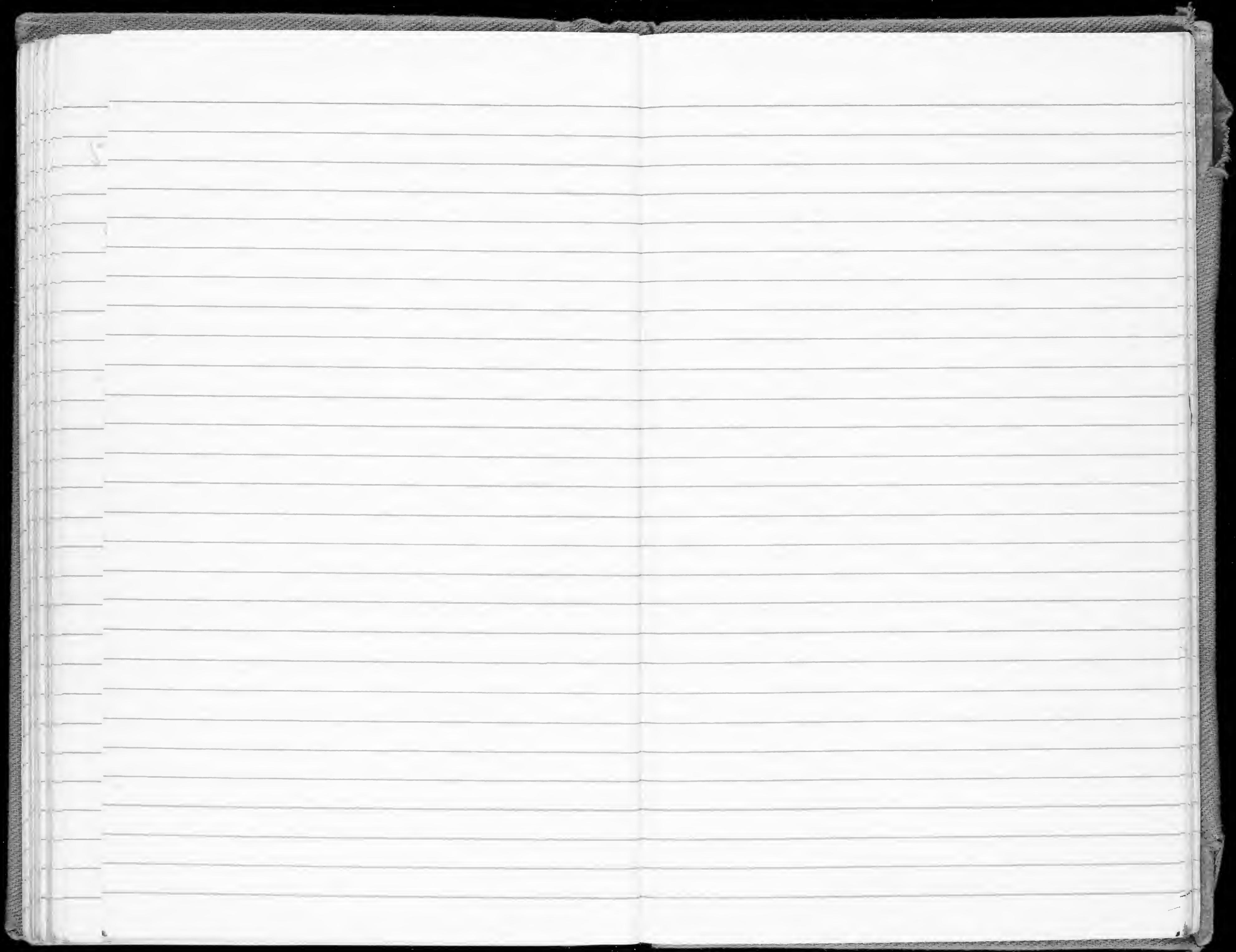
750 Gippsland

900 Gippsland

New Zealand

733 New Zealand

Middleton



Tire

No. 1

X  
35

1500 - 2000

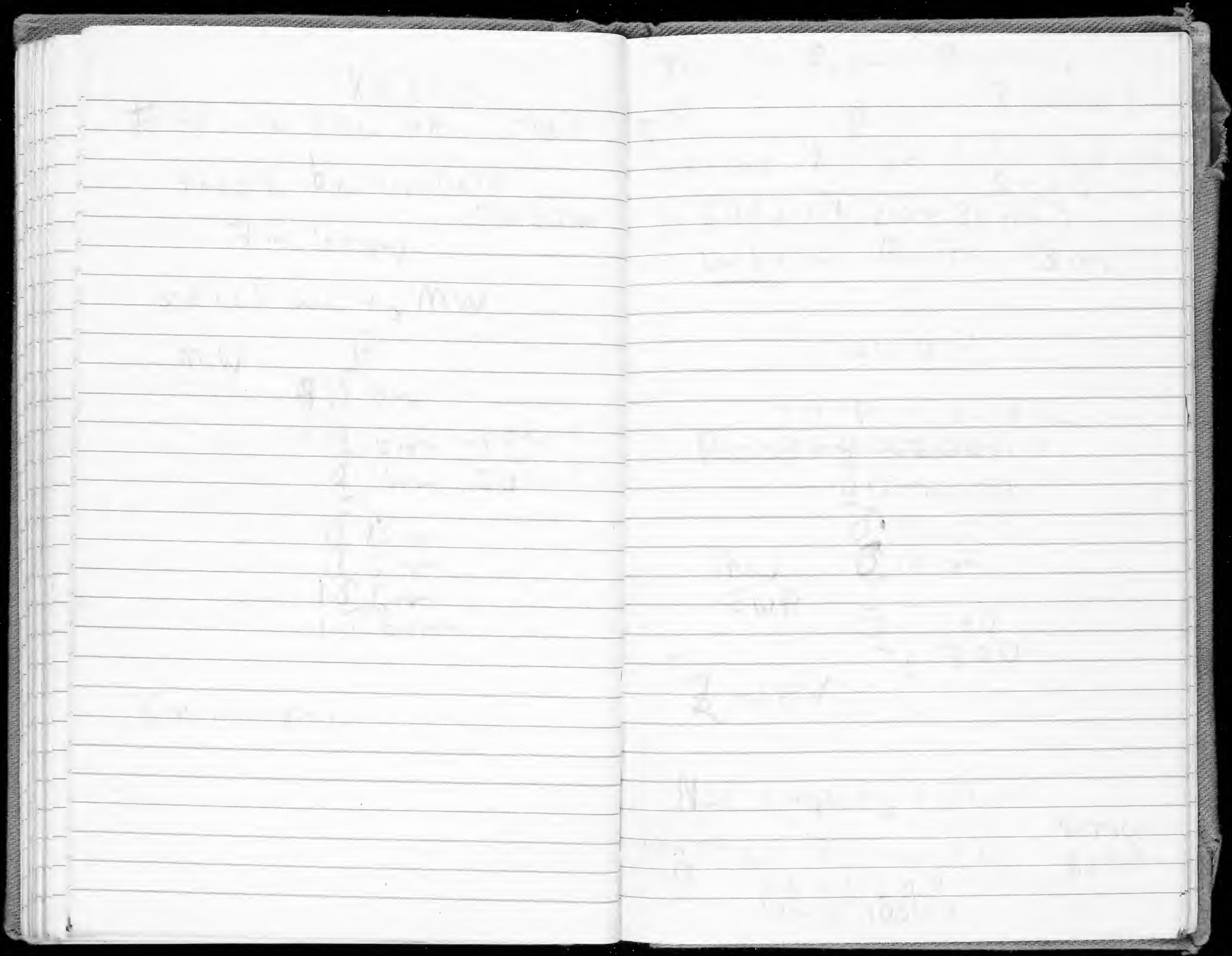
46

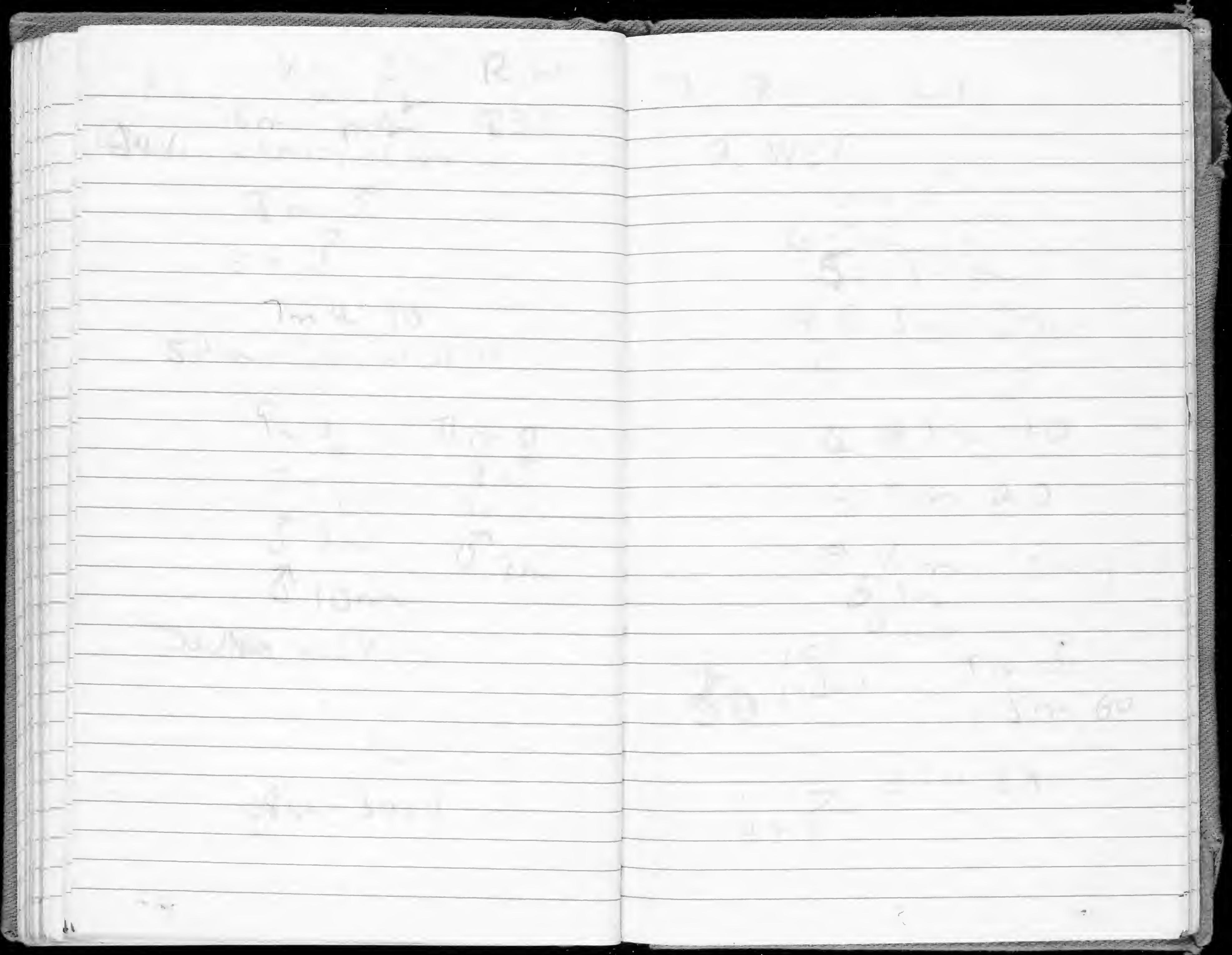
X  
43 - 44

Nov 1

Monogram

225  
225  
225





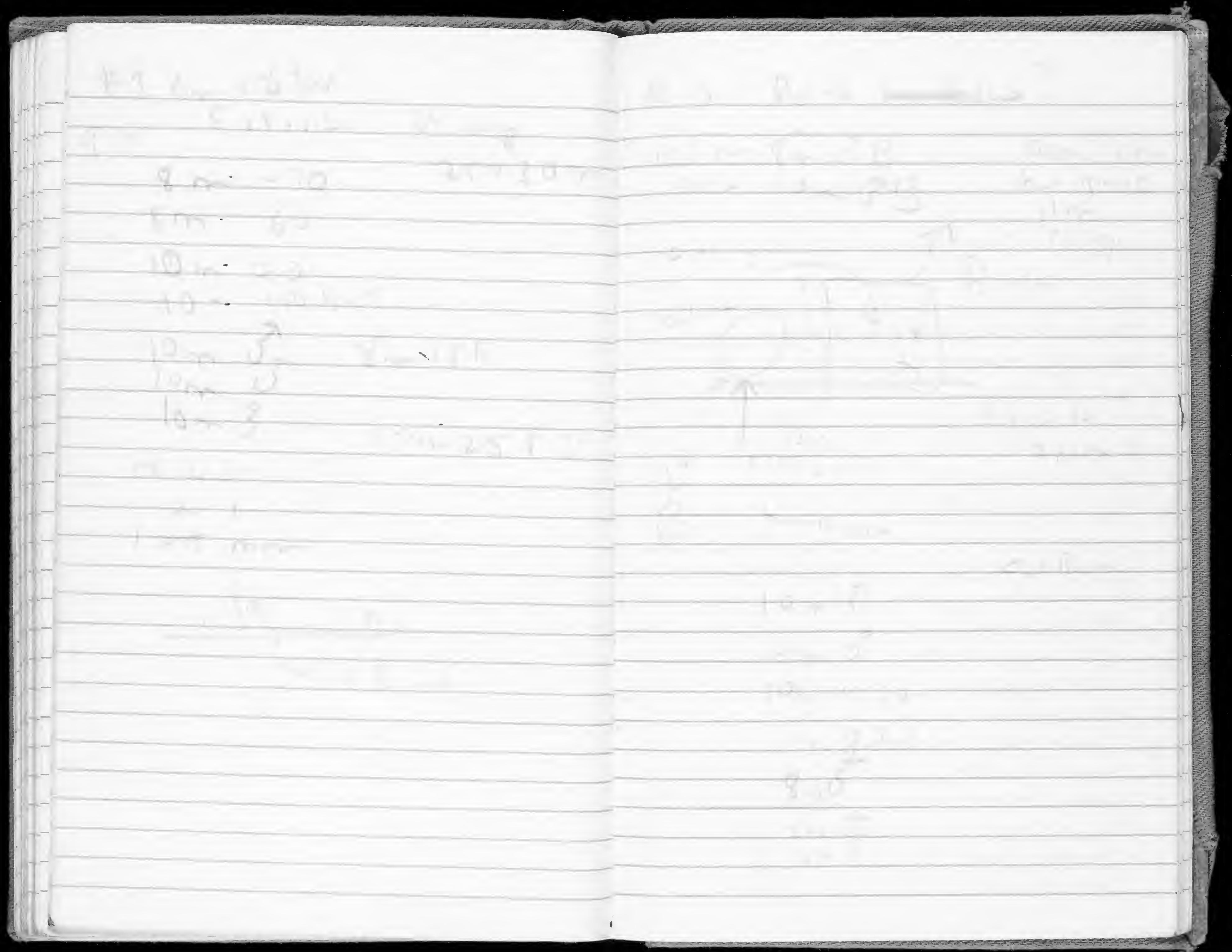
8 - 40

Blue  
yell  
black

green  
yellow  
brown

orange  
yellow  
brown

8 - 100  
brown



(continued Bird List)

Eastern Wood Pewee - common = Acabul  
(Oct 10 - Nov 3) Petaro & Loro Rds

Tropical Pewee Abundant in Petaro  
Acarols & Loro Rd

Least Flycatcher Common in Aca. / Petr. &  
Uncommon in short forest

B.R. At. IIs

Yucatan Flycatcher - Several in Gr. Loro  
Acarols

D.C. Flycatcher

G.C. Flycatcher Near STCCH / PCP = 5

B-Crested Flycatcher

B.t. Great Kiskadee 2-3  
- Abundant

Beet-billed Flyc.

Social Flycatcher "

Eastern Kingbird

El Rincon / Gr. Loro

R.T. Beard several + Oct. Avail

M. Vireo T-tyre

B-Crowned T-tyre

Red-capped Manakin

Magpie Swallow

High-winged Swallow

Cave Swallow

Great Jay

Blue Jay

Yucatan Jay

Spotted-breasted War

Common

Caroline Wren - few Graded  
Birds

House Wren 2 S.T

W. Bellied Wren uncommon

Long-billed Thrasher a few

Blue-gray Grackle Petrol Acabul

Tropical Grackle - forest - 1 in

Avail near R. Pekin  
edge

Swainson's Thrush - common in forest

Gray-cheeked Thrush SH - near Cerillo  
Km 10

Wood Thrush uncommon woods

Clay-colored Robin

Gray Catbird

Black Catbird

Tropical Mockingbird

W. Vireo Abundant forest uncan Acabul

Magpie Vireo

Yellow-throated Vireo - 1 in Graded Acabul

unc. S.T. common till F

Philadelphia Vireo

8km SEST Nov. 2  
18km NE RR Oct. 15

Red-eyed Vireo

uncommon in forest in

mid October

& total at high elev.

mainly at Barrios

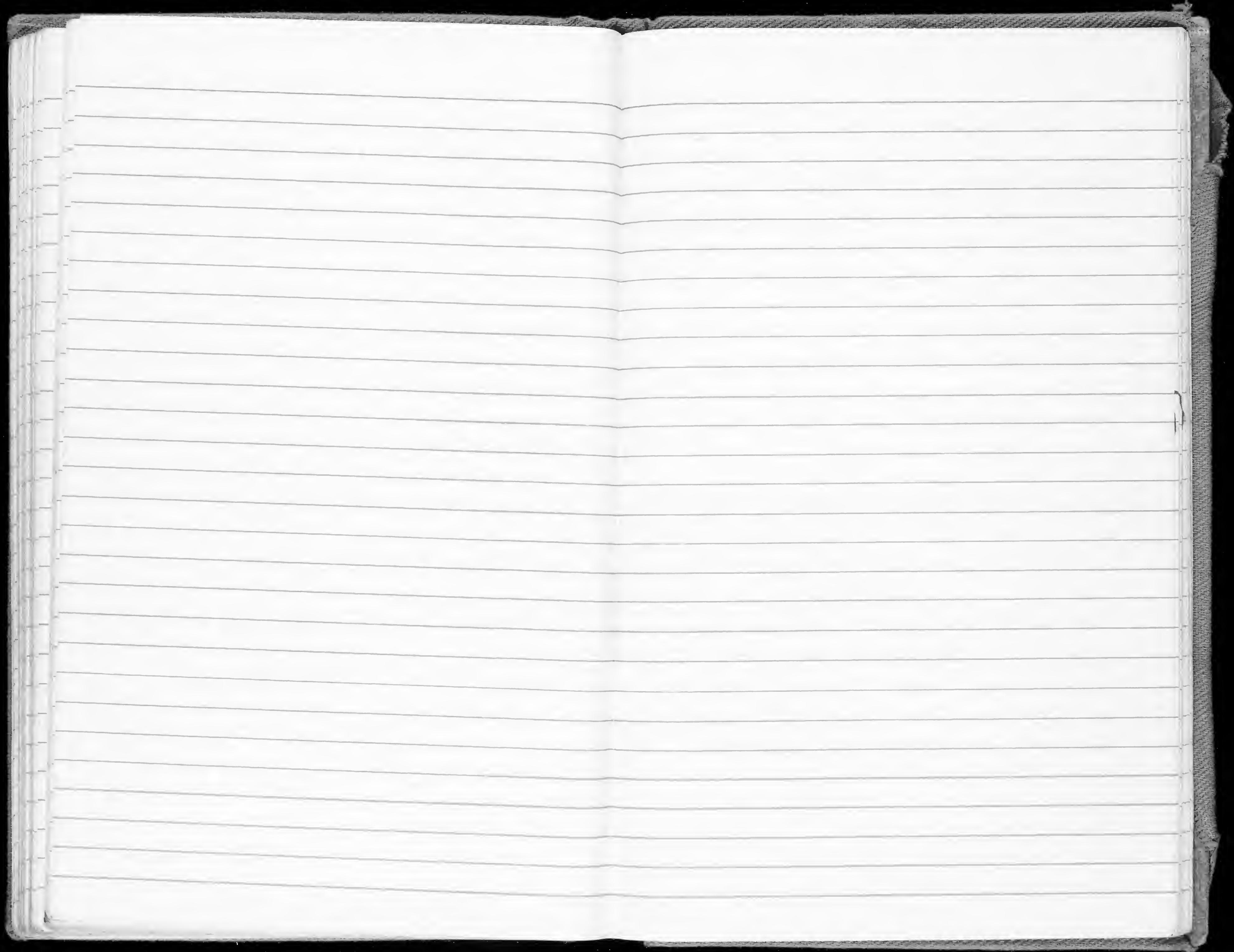
Tawny-crowned Grackle (seen)

Lesser Goldfinch common in tall fruit

R.B. Peppervrike comm

B.W. Warbler 8 sightings

forest / Acabul



Tennessee Warbler

15 seen in forest  
near FCP, 1 S.T., 1 in Petén  
(Graciela River)

Northern Parula

common

Yellow-Warbler

6-8 seen in Petén (Aug.)

Chestnut-sided Warbler

common in Petén  
(common in Mayan)

Chestnut-sided Warbler

12 in forest, 3 Aves.  
(common in Mayan)

Magnolia Warbler

++

Yellow-rumped Warbler

1 at S.T.

Black-throated Warbler

very uncommon this yr.  
20 total

Yellow-throated Warbler - very rare this yr.  
1 sighting

Palm Warbler

S.T. + Rd to El Rio

Black-throated Warbler

common in forest 1/2-1  
in Petén

American Redstart

++

Prothonotary Warbler

0 km (7 Oct) FCP

Oscabird

along Rd ... foot

N. Waterthrush

along Rd in Mayan

Lesser Waterthrush

1 km 13 FCP

Beg-breasted Warbler

1 in forest Nov 20

Kentucky Warbler

1 in forest Nov 20

Common Yellowthroat

2 in forest Oct 18-20

Headed Warbler

2-3 in FCP

Golden-crowned Warbler

Hd at km 13

G. breasted Chat

Graciela Aves.

Gray-throated Chat

uncommon

~~Br.~~

R. I. Honeycreeper common all habitats

Scrub Euphoni common Ac.

Yell.-throated Euphoni common in woods

R.C. Anttiger 2 km 15 Oct 15

Red-throated Anttiger ++

Rose-throated Tanager ++

Summer Tanager 5-6 woods / 1 Aves.

Grayish Saltator S.T. - C.B.

Black-headed Saltator ++

N. Thraupis (redtail)

R.B. Grosbeak 3 seen near Valladolid

Bluc Breeding few

Bluc Grosbeak 16 near Arch.

Indigo Bunting R. Nuevo seen

Olive Sparrow ++

Green-backed Sparrow ++

W.C. Seedeater ++

Yellow-faced Grosbeak - G. Aves.

Red-winged Bl-blrd El Rio

Melodious Blackbird

Great-tailed Grackle FCP

Bronzed Cowbird Tulum

B.C. Vireo Grackle

Hooded Oriole

G.B. Motacilla

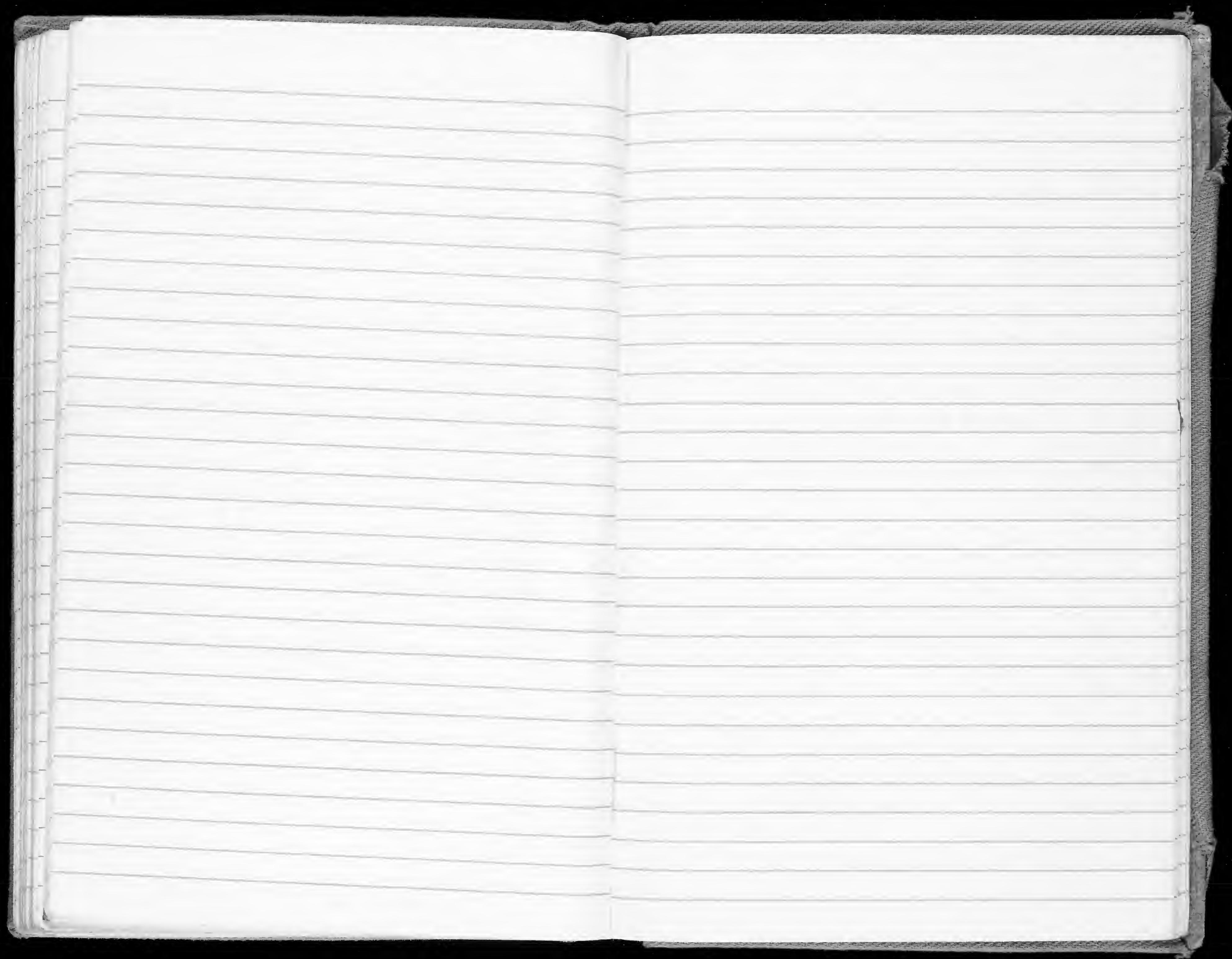
Orange Oriole

Altamira Oriole

N. Oriole

G.B. Motacilla

Oct 15



No. 5

Pt 11 - 50x20 (sparsc.)

6:00 Sur. WEV.

♂

♀<sub>n</sub>

♂

♀<sub>n</sub>

♀ - 10 ♀<sub>n</sub>

♀ - 50 ♀<sub>n</sub>

Pt 12 85x15 Incr

6:30

18 Bush

8m (12y)

adult WEV

MW

PL T -

♂<sub>n</sub>

♂<sub>m</sub>

50x20 m

Pt 13 115x17 m

Tonky

13 Bush ad

1+ (1, 2)

mo, fl, 1

Pt 6 75x10 m inc 12 m "xy

QB 50 feet

ad.

Scrub 1

(P. 11.)

present

Puttero - 1 end / gr. +

1m h.t.

No 6 ins.

P. tuk 8

10m

80 x 20 m

all W.E.V +

8m

8 Q 3 front

3

10 Q 200

Scrub 2

V. p. P. 11. +

No 6 ins

P. tuk 9

35 x 40 m

S. 11. 7

V. g.

P. tuk 8 10 x 80 m

12m 1. - p. 7

V. n. 1 p. v. s.c

Q 50  
ach 17

Q 30

12m 3

12m Q - 20

12m Q 60

12m Q 150

12m Q 80

5m Q 3 fr. L

3 Q 5 fr. L

Pt 10

400x400m  
60m x 40m

(a)

12m ♂  
10m ♂ & ♀ - 50

105 ♀ - 10

8m ♂

11m ♂

11m ♂

12m ♂

12m ♂

14m ♂

2 WEV ad

12m ♂

12m ♂ ♀ - 1 fruit

12m ♂

8m ♂

Pt 11

60 x 25m

10m " - P7

6m ♂

5m ♂

8m ♂

12m ♂

♂

♂

♂

♂

♂

♂

ad. WEV

♀ } 100 feet  
♀ }

45

Pt 12

50 x 10m

6 (W) 17.

ad WEV

♂ 7m

♂ 7m

♂ 7m

Scrub 3 node (pollen)

2-3 m Scrub

4 node

5. (juv w/ long latency)

Pt 23 10m Scry 20m + U<sub>2</sub>  
sp. + p B-... scd!  
cd-1t

Q 1020 fruit

J 12  
J 8  
J 8  
G 8

Scrub 6 - (6m/s) pollen,

after ~~heat~~ minutes ~~burnt~~ /c  
~~heat~~ →  
node

8 Scrub - M. 1 pr

burnt approach - 10g  
latency -

Scrub 9 Scrub -

10b. + P. 1 pr

heat clutter after 5 minutes

10

node

11

node

Nov. 6

Patch 24 6m l-py

Very scrubby 30x30

No B-subs

Ju, L-EU

Resubbed 6m b-hs

5 HW

2 PL

~~Red~~ I hatched:

25 6m l-py  
very scrubby

40x40m

No B-subs  
ad L-EU

26

15x7 m

Very scrubby small

O-WEV

27

surrounded by grass

40x25m

67m

♂ 3

♂ 3

surrounded by grass

28

surrounded by grass

Crate 100x50 (labeled  
(cage))

PB-hs Archibald 9 6m - 50 RL  
4mg 30  
ad L-EU ♀ - 50  
1 L-EU 21 ♀ - 20

29 ~ 80x40 m

scrub

7 large B 12m  
10-12m

adult WE  
questionable  
CROWS

5  
B. Grackles  
I. Bunting

30 40x15 m

5  
12m  
5  
12m

Scrubby, sparse trees

MW

HW

Filiberto

Athlete Regis Rodriguez

Call. 51 # +525522

T-2 min. T-10 min. 10 min.

AM 3 AM 10:00 10:10

Wetland 10:10 10:20

(wetland) - general

scrub 10:20 10:30

Clear Area 10:30 10:40

Wetland 10:40 10:50

Wetland 10:50

Wetland 10:50

Wetland

Wetland 10:50

Wetland 10:50

Wetland

Nov 8 1989

chicken Itza

615 - 9:00 with Bonne  
with 5-10,000 fruit tree

osmury - (ent-pa)

7 visitors by WEV 210 m.soh.

got 13-15 fruit trees 40-50

times. / AJ. M. tiba q

(s.t 3-4 foot)

B-h. sativa (1 foot)

G.G. Woodpecker (? fruit).

Also seen B-g. breasted warbler

Y.T. vireo

Nov. 9. Bonne at  
Uxmal

540

1200 ft

622. 4TV t.ln → 4TV

624 LEV (unstable)

627 4TV + T. lyre

heat to next tree

Fts, 4TV → WEV

645 - WEV intree B

647 LEV brush into Tree A

[710 WEV in Tree C]

715 Lant PSS

739 4TV Tree A

9, t 3 ft.

Nov. 9 1961

WE U Extra Tree B

811 - ♂  
marked T-type

entered tree cleft

817 ♀ entered + left  
little scrag

822 3 ♂ M. + sm

645

Folly (11 months)

Several trees cleft 5-10,000 ft.  
or more

Nov 10 Red Bellied Vireo  
Burrage Watch

545

624 (BBM)<sup>h</sup>.

nothing is singing

it's been mostly flying & vocal



4:15 Went to Next tree

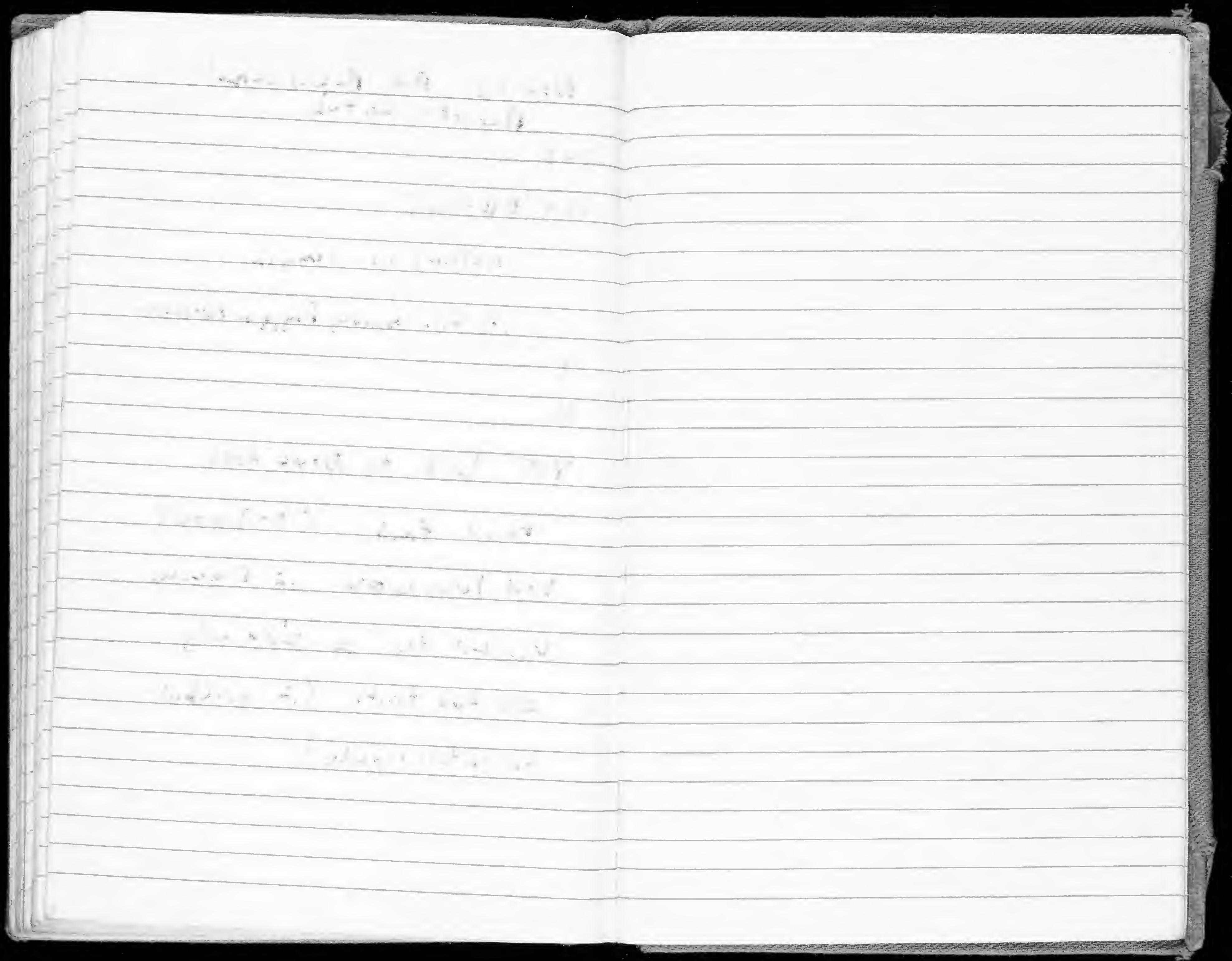
more food (2-3,000)

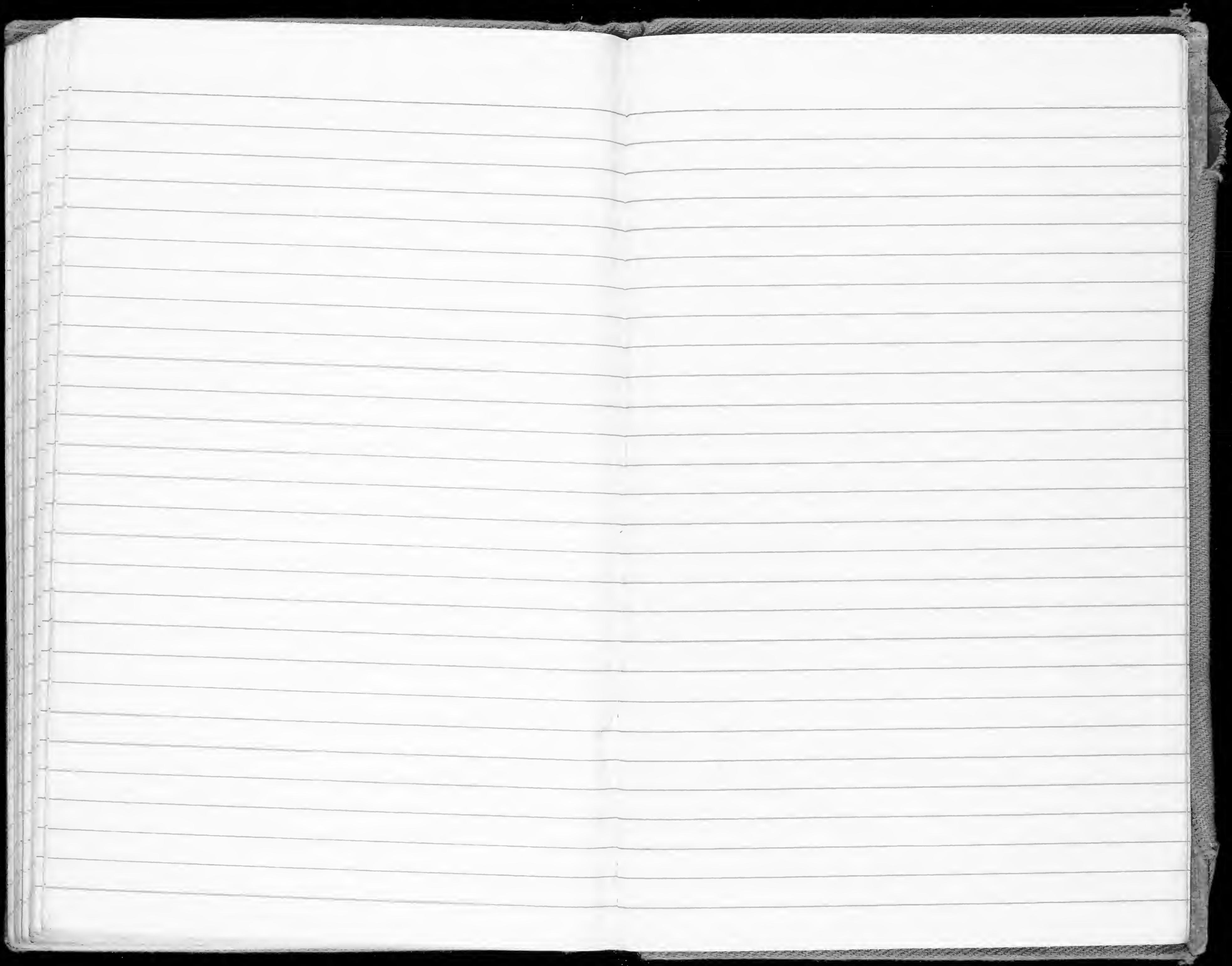
had Juv. vireo in family,

Vireo for  $\approx$  200 cals

ate two fruits (1 + grabbed

an ant-euphore)





$v_{1,2} \downarrow$

Puller 74, 10, 69, ~~11, 12, 13~~, 70, 50, 50, 52

$v_{1,3} \downarrow$

645 - 675 3

5 2 2

$v_2 12^7, 50, 90, 5, 50, 52$

645 - 715 3

1 3 2

110, 63, 90

710 - 812 0

2 1 2

9

6 8 6 6

M 11.11.11

2, 3, 6

2, 2/3 1/3

16

4, 5, 7

4/3 2/3

2 3 0 0 11

1, 2, 5

2/3 1/2

0 3 0 1 0

34

1/3 1/2

0 0 0 0 10

+

2/5

4/6 3  
2/1 3/5

No. 12

GENERAL AC

Tree + Pt 9

Rpm Fr. + - 11 / 320

1 = 18

Branch 2 = 37

3 = 73

4 = 7 + 5 + 1 + 2 + 6

+ 1

10 7 = 52?

11 + 9 + 12 + 5 = 56

The place

near by

say

## Expenses

Dg 1 17,000 gas \*

23,000 hotel

[14,000 dinner]

2000 phone r.t.

other

100,000 pesos for car repair

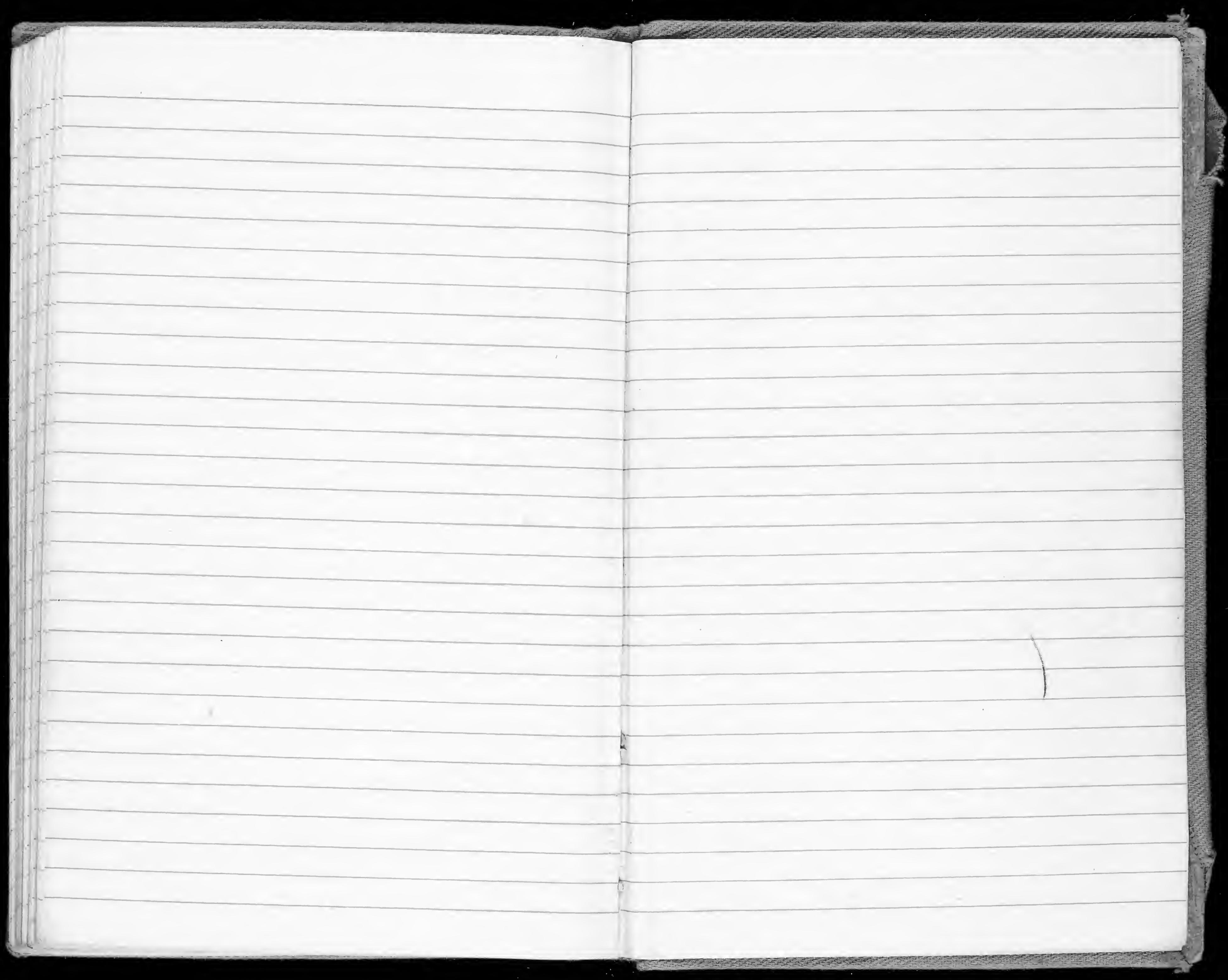
Get Note for ✓ th

Dg 2 28,000 hotel

13,000 food

other

15,000



Fate of forest myrmecos

? Res in CTAW

3 Fresh habitat response

4 Insect Nephobolus

5 Nest checker

6 Habitat regeneration - plants

7 Organism kept very

8 Dispersal of B-nest by

Uroctea

9 Sample species count

Mauzo

④ 25 10-04

in Mount Py.

45. - 2 east

①)  $\frac{F_{ext}}{r^2}$  ~ constant

15  
78  
100

1  
1/2

Bubbles for note

1. Big fr. +
  2. Small want - coll. + co.
  3. want - gifts. fruit  
cup delicate

